



No. 131







W. Elliot Woodward's

SEVENTY-SECOND SALE.

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# Prehistoric Remains

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A Pennsylvania Collection.

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FEBRUARY 26 and 27, 1885.



# THE OLD WAY.

## CATALOGUE

—OF—

# PREHISTORIC OBJECTS,

MOSTLY AMERICAN,

**AND PRINCIPALLY IN STONE,**

COMPRISING

A Large Collection and Several Important Consignments.

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To be Sold by Auction

By Messrs. BANGS & CO.

739 & 741 Broadway, New York City,

ON THURSDAY AND FRIDAY, FEBRUARY 26, 27, 1885.

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THE GOODS ON EXHIBITION FROM TEN A. M. ON WEDNESDAY, FEBRUARY TWENTY-FIFTH, AND ON THE DAYS OF SALE. SALE TO BEGIN PROMPTLY AT TWO O'CLOCK IN THE AFTERNOON.

Catalogue by W. Elliott Woodward.

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BOSTON:

T. R. MARVIN & SON, NUMISMATIC PRINTERS.

1885.

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Any inquiries addressed concerning the objects, to the undersigned, will be promptly and cheerfully answered.

Catalogues will be ready a few days after the sale, printed on thick tinted paper of extra weight, matching in style my series of catalogues. They will be sent to order by mail for 75 cents each.

W. ELLIOT WOODWARD,  
258 Dudley St., Roxbury, Mass.





## PREFACE.

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AMONG the various objects that attract the attention of collectors, none excel in interest the remains of the handiwork of prehistoric man, in stone and metals; these implements and objects are found scattered all over the habitable globe, in all countries and on all the great islands of the sea.

A certain similarity of form prevails, and some archaeologists are fond of saying that many are practically identical in form, though found in widely-scattered regions. It is, nevertheless, true "that every country has its own," and, to the experienced eye, differences of form are so noticeable, that the place whence many of these objects come may be determined at a glance; for example, the proper grooved axe is found only on the Western Continent; the same remark applies to the pestle, whether of the long, round roller shape, or the mushroom form, with broad, expanded head. The banner stone, the amulet or saddle stone, the target stone, the various forms of discoidal stones, with all the varieties of pipes, are found only here. On the other hand, the stone perforated hammer, the perforated celt, the flint wedges and gonges, the long flint dagger, with well-defined handle, the semi-lunar knife, the flaked knife of flint and the flint saws, are peculiar to the Eastern world; the merai, usually called the patu-patu, is peculiar to the islands of the South Sea, while the collar shape and mammiform stones, and the long, low, stone seats, are found only in a few of the West India Islands. Some forms, more or less closely allied, seem common to all regions;

for example, arrow points from various parts of Europe, from America, from China, from Japan, and from Egypt, may be selected with less apparent diversity than exists in those found together in this country. On the Eastern Continent are found objects of bronze, iron, gold and silver; on the Western, bronze and iron were evidently unknown; a few objects of ornament, and probably of worship, occur in gold, and also various implements, knives, chisels, axes, spear heads, arrow points, etc., of copper, all, however, of native metal, merely fashioned into form by beating between stones, as all the prehistoric races of America were evidently ignorant of the methods of melting and casting copper, or even of increasing its malleability or ductility by heat.

Horn, bone and shell were utilized in divers ways, for the implements of various regions, modified, of course, by the materials presenting themselves to the primitive workman, and adapted in form to their various surroundings and requirements.

The earliest and rudest works<sup>a</sup> of primeval man, are probably the flint axes found in the caves of France, unless it be the relics of pre-glacial man discovered in the gravel drift of N. J.

These remarks are, of course, not for the archaeologist, but for the young beginner, ignorant of the subject, who, for full information of the present state of knowledge on the subject, should consult the works of Rau, Jones, Abbott, Short and others, who have written on ancient man and his remains in America, of Sir John Lubbock, Nilsson, Figuier, Stevens, Wilson and others who seem almost to have exhausted the subject, so far as the Eastern world is concerned.

As this collection is offered specially to the attention of American collectors, the owner has sought mainly to make it an American collection, not that abundance of other materials are not ready to his hand, especially the objects of Scandinavian origin; and he appeals to American collectors to give this sale their support, primarily, of course, with the selfish view of making it a success, but with a secondary object, in which all collectors may well feel an interest, of fixing a price for these things and giving to them a settled value.

Kindred objects, books, coins and medals have long been of fixed value, and the trade in them has long been a settled branch of commerce, with transactions of no small magnitude. The trade in these things should rest on the same firm and well-established basis. It remains with collectors to settle this matter, and they should do it in their own interest, so that if they, or their families after them, should at some future day find it desirable, or perhaps a matter of great importance to realize money from their accumulations, it may be easy to do so.

I am aware that the *trade* in this description of property has fallen somewhat into disrepute, owing to the frauds that have been perpetrated by dealers, or by fraudulent workers encouraged by dealers, especially in objects of steatite and hematite; parties are now engaged in fabricating them with fraudulent intent; and in great numbers. Philadelphia and Cincinnati are in this direction most obnoxiously conspicuous, and one concern in N. C. is sending out objects calculated to "deceive the very elect."

Of these fraudulent objects I confess to the possession of a collection of pipes and other remarkable things purchased in my callow days at round prices, amounting to many hundreds of dollars, from a dealer who loudly proclaims that it is impossible to deceive him as to the authenticity of any prehistoric object, and whose vaunted knowledge, accompanied with solemn guarantees of the genuineness of each and every piece, assurances repeated from time to time, I am sorry to say, lulled my suspicions and threw me off my guard.

Of these fraudulent objects, numerous pipes, a discoidal stone, a perfect carved figure of a man and other things, I am having engravings prepared, with which I propose to illustrate a monograph, to be prepared at my leisure, on "The works of the American Flint Jack." A copy of this pamphlet I intend to place in the hands of every archaeologist in the world whose address is known to me.

I may, and do state here, that the perfect character of every article here offered for sale is positively guaranteed.



I have hitherto printed and distributed, at an expense of upwards of \$1,000, about a dozen catalogues similar to the present one; they have been sent to all American collectors known to me. To the gentlemen who have favored my sales with orders or their presence, I offer thanks the most sincere, but I regret to say that, while very few have helped my sales with orders, as a rule, scarcely any have had the civility to return even the simplest acknowledgment. Thus led or left to infer that the catalogues are not wanted, I will take care, after this issue, that none are sent to gentlemen who indicate by their continued silence that no more are desired.

W. ELLIOT WOODWARD.





# CATALOGUE.

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## AUTOGRAPHS.

As the following lots are the property of different owners, the invoices follow each other as received, and no attempt at classification is made. The abbreviations used are as follows: a.d., Autograph document; d.s., Document signed; a.l., Autograph letter; a.l.s., Autograph letter signed; p., Portrait; s., Biographical sketch. The closing figures refer to the number of pieces in the lot.

- 1 Lafayette. Large document, signed Rollin; two lines and signature in Lafayette's autograph. p. 2.
- 2 Bourrienne. Secretary to Napoleon I. a.l.s.
- 3 Lord Burghersh. Musical composer. d.s. and rare play bill, &c. 4.
- 4 Marquis de la Baume. Announcement of the birth of a son. d.
- 5 Wood, William B. Theatrical manager and actor. a.l.s.
- 6 Hatton, J. L. Friend of Dickens. a.l.s.
- 7 Jacopi, Carl. Engagement as 1st tenor at Her Majesty's Theatre, London. d.s.
- 8 Winter, Bernardo. Engagement as 1st tenor at the King's Theatre. d.s.
- 9 Ximenes, Sir David. Commanded an expedition up the Penobscot in 1814. d.s.
- 10 Wetherall, Gen. F. A. British army in America. d.s.
- 11 Brownrig, Robert. A.l.s. to Gen. Reed, with copy of letter from Gen. Reed. 2.
- 12 George III., King of England. a.s., p. & s. 3.
- 13 Macniell, Sir John. Railroad commission. a.l.s.
- 14 Spurgeon, J. G. a.l.
- 15 Keate. Surgeon to the Queen, 1804. a.l.s.

- 16 Turton, Dr. T. Writer on natural history. a.l.s.
- 17 Lord Harris of Waterloo fame. a.l.s.
- 18 Gulliver, Dr. George. Eminent surgeon. a.l.s.
- 19 Seymour, Col. Sir Hugh. Distinguished for gallant  
bravery at Waterloo. a.l.s.
- 20 Boyd, Robert. Governor of Gibraltar. d.s.
- 21 Mahon, S. M. P. & Lieut. Gen.; frank and s.
- 22 Napier, Robert. Lieut. Gen. and Lord. a.l.s.
- 23 Calcraft, M. A. a.l.s.
- 24 Duke of Munster, son of William IV. a.l.s.
- 25 McMahan, J. Lady McM. was a favorite of George  
IV. a.l.s.
- 26 A written pedigree of the Talbot family of Devonshire;  
relates to a struggle for the family estate; 12 leaves  
closely written; a very curious document.
- 27 Lafayette. a.l.s. 7 lines and sig. and p. 2.
- 28 Strange, Robert. Presentation letter concerning the  
works of Nostradamus to Charlotte, Princess of Wales,  
1719, with another letter concerning the same work.  
Query—Is this latter by the Princess?
- 29 An illuminated musical manuscript; nine large leaves  
on parchment, beautifully done.
- 39 Ancient manuscript; eight large pages on vellum.
- 31 Italian diploma. University of Pavia; parchment; fine.
- 32 Old Italian documents; some on vellum; 1736, &c. 16.
- 33 Old Italian war documents; mostly signed. 8.
- 34 Old documents; some Italian; partly on vellum, 1735,  
&c. 6.
- 35 Hogan, John. Irish self-taught sculptor; several long  
a.l.s. concerning his art work from himself and others  
and s. 8.
- 36 Vellum document; time of Louis XV.
- 37 Lord Amherst, Governor General of India. a.d.
- 38 Burgoyne, M., British General. a.l.s.
- 39 Bulwer, Henry Lytton, diplomatist, brother of Lord  
Lytton. a.l.s.
- 40 Lord Charles H. Somerset. a.l.s.
- 41 Massey, J., General associated with Gen. Wolfe in the  
old French war. a.l.s.
- 42 A collection of autograph letters, signed by members of  
the English nobility and officers in the British army,  
with some other documents; a fine and desirable  
lot. 22.

- 43 Auchmuty, Sir Sam'l. a.l. in third person, 1819.
- 44 Baldwin, Abraham, signer of the Constitution. a.; Richard Peters, member of the old Congress. a.d.s. 1806. 2.
- 45 Barnum, P. T. a.l.s.; Moses Kimball. a.l.s.; Signor Blitz. a.l.s.; Philip Phillips. a.l.s. 4.
- 46 Bergman, Carl, M. A. Loebinstein, C. S. Grafulla and C. W. Westfall, musicians; of each an a.l.s. 4.
- 47 Biddle, Nicholas, Matthew Carey, William B. Astor; of each a.l.s. 4.
- 48 Burdett, Sir Francis. a.l.s.; J. J. Angerstein. d.s. 2.
- 49 Burton, Capt. R. F., Dr. Dionysius Lardner, Shang, the Chinese Giant, and others; signatures. 12.
- 50 Cavellier, Peter, nephew of Jacques Cavellier, chief of the Camisardes; several fine a.l.s. 7.
- 51 Cecil, William, Lord Burghley, Privy Counsellor to Queen Elizabeth. a.s. and p. A letter of Lord Burghley in the Bolton sale brought \$18. 3.
- 52 Clark, Dr. Adam, theologian. a.l.s.
- 53 Colvill, Baron, eminent military commander. a.l.s.
- 54 Coxe, Tench and J. Ingersoll, members of the old Congress. a.l.s. of each. 2.
- 55 Davies, Mrs. Susan. An original poem on her death, written by her husband, 4 pp., 1693, and a curious poem by a fellow of Oxford, addressed to his tailor. 2.
- 56 DeForest, J. W., author. d.s., p. and s. 3.
- 57 Dibdin, Thos. Frognall, author of Bibliomania. a.l.s.
- 58 Edwards, Rev. Timothy, father of Jona., the metaphysician. Sermon at East Windsor, 1722; handwriting almost microscopic.
- 59 Everett, A. H., C. E. Norton, Geo. Ticknor, Wm. Barton, Susan B. Anthony, Richard A. Dana, Jr., Wm. C. Rives and others; of each a.l.s. 13.
- 60 Cotton, Rev. N. a.l.s., 1727; Rev. R. Robinson. a.l.s., 1776; Rev. Dr. Ryland, MS. sermon. 3.
- 61 Egerton, Thos., Lord High Chancellor of England. d.s., 1598; signed also by Lords Hunsdon, Knollys, Fortescue, Robert Cecil and others, members of the Privy Council of Queen Elizabeth. p. of Egerton: pencil drawing of the monument to Sir Francis Knollys, &c. 3.
- 62 Embury, Emma C. An original poem. a.d.s.
- 63 Erskine, Lady Emma. a.l.s., 1792-1802. 2.



- 64 Folsom, Col. David, chief and warrior of the Choctaw Nation. a.l.s. and s., 1819. 2.
- 65 Forbes, Rev. James, MS. sermon. Rev. Risdon Darra-cott. a.l.s., 1753. p. 4.
- 66 Fox, George, founder of the Quakers. s. and part of a.d. 2.
- 67 Fox, Sir Stephen, grandfather of Chas. J. Fox. a.d.s., and H. Fox. d.s. and s. 3.
- 68 Galitzin, Alexander, Russian Prince and statesman. l.s.
- 69 Gibbs, Wm. S., historian. a.l.s., &c. 2.
- 70 Graham, Mrs. Isabella. a.l., July 6, 1799. p. and MS. poem, by David Bethune. 3.
- 71 Graves, Rev. Richard M. a.l.s., 1775. s.p., &c. 4.
- 72 Gurney, J. J., philanthropist. a.d.s. George Coventry, supposed author of Junius, a.d.s. and s. 3.
- 73 Harmer, Thos., theologian and orientalist. a.l.s., 1783, and s. 2.
- 74 Haweis, Thos., theologian. a.l.s.
- 75 Hodgson, Andrew, author of Tour in America. a.l.s., and 6 others. a.l.s. 7.
- 76 Hunt, W. Holman. a.l.s. Thos. H. Wyatt, Chas. Dickens, Jr., and J. L. Tupper; of each a.l.s. 4.
- 77 Humboldt, Baron. a.l.s. and p. 2.
- 78 Evans, Oliver, inventor. Cope, Thos. P., merchant. a.d.s. 2 pcs.
- 79 Ellery, William, signer of the Declaration; fine. a.d.s.
- 80 Thomson, Charles, signer of the Declaration; fine. a.l.s.
- 81 Ancient Inventories of Estates, &c., 1613, and later two on parchment, one a petition of Sir Edwin Sandys; fine. 3 pcs.
- 82 Jervis, John, (Lord St. Vincent) and Lord Gambier. a.l.s. and p. 3 pcs.
- 83 Lafayette, Marquis; fine. a.l.s., 1828, with fine a.l.s. from Peter S. DuPonceau. 2 pcs.
- 84 Lafayette, Marquis; fine a.l.s. on full sheet. Paris, 1820.
- 85 Lee, Samuel, orientalist. a.l.s.; a document in some oriental language, and two others. 4 pcs.
- 86 Logan, James, President of the Council of Pennsylvania; portion of a.l.s. 1701. Wm. Penn; portion of a.l., and Ed. Shippin. d.s., with seal. 1684. 3 pcs.
- 87 Marriage Contract between James Scott and Allison Erskine, 1743. 3 pcs.; folio document; very curious.



- 88 Matthews, Cornelius, author, and Robert Vaux. a.l.s. 2 pcs.
- 89 Schuyler, Gen. Philip, J. Van Rennselaer and other military officers in the Revolution. a.l.s., &c. 6 pcs.
- 90 Norton, John, Indian chief of the Six Nations. a.l.s. 1805. Signed with his English and Indian names; fine.
- 91 Nottingham, Earl of, Lord High Admiral of England. d.s. by him and 8 other members of the Privy Council of Queen Elizabeth. p. and s. 4 pcs.
- 92 Pelham, Henry (Lord Chancellor) Granville, Onslow and others. d.s. 2 pcs.
- 93 Percy, Thomas, Bishop of Dromore, Ed. of Percy's Reliques; fine a.l.s., 1801, to Lord Downshire, with Lord D.'s reply, 6 pages, signed T. D., with s. and original pencil portrait of the Bishop. 4 pcs.
- 94 Peters, Richard, and Charles Thompson, members of the old Congress. a.d.s. and a.l.s. 2 pcs.
- 95 Ramsay, Lord, Sir Edward Bates, Sir Philip Egerton and Sir Henry Brand. a.l. in 3d person. 4 pcs.
- 96 Randolph, John, of Roanoke; fine a.l.s. 1 page. 1806.
- 97 Rawson, Edward, the famous Secretary of Massachusetts. a.d.s., 1661, with p. and s. of Rawson and his unfortunate daughter Rebecca.
- 98 Smith, Sir J. E., botanist; original autograph poem, signed, with a.l.s. of J. Sabine. 2 pcs.
- 99 James I., King of England. d.s. 3 p. and view of Edinburgh Castle. 4 pcs.
- 100 Cromwell, Oliver. Signature on parchment, with seal. Mar. 20, 1656.
- 101 Cromwell, Richard. Signature. 1649. Impression of his seal and a.l.s. from the last of the Cromwells. 3 pcs.
- 102 William IV, King of England. d.s.; signed also by Lord John Russell; portrait. 2 pcs.
- 103 Bonaparte, Joseph, King of Spain. a.l.s. 1 page. 1807; fine.
- 104 Pomare, King of Tahiti. a.l.s. 1820. 1 page, 8vo, with certificate and translation, by the Missionary Henry Nott; *very rare*.
- 105 Stanhope, C., minister of George I. d.s. 1725, and three others.
- 106 Stover, Rev. Seth, early minister of Watertown; part of a sermon; microscopic writing. 2 pcs.

- 107 Tyler, John, and Martin Van Buren, Presidents; of each a fine a.l.s. 2 pcs.
- 108 The Wandering Piper. A Scotch nobleman and wandering musician; fine. a.l.s. 1837.
- 109 Van Buren, Martin, President. a.l.s. 1850; with frank. 2 pcs.
- 110 Walpole, Prince Frederic, Duke of Clarence, and the Princess Elizabeth and others. a.s. 4 pcs.
- 111 Washburn, Emery, J. H. Clifford, Marcus Morton, and Christopher Gore; sigs. and one a.l.s. 4 pcs.
- 112 Washington, Bushrod; fine a.l.s. 1826.
- 113 Betty, Henry, the Juvenile Roscius; part of a.l.s.; s. and a.l.s. of Charles White, of White's Serenaders. 3 pcs.
- 114 Floyd, Edw., Governor of Maryland. Commission. d.s. 1810; fine.
- 115 Lancaster, Jos., founder of the Lancasterian Schools. a.l.s.; scarce.
- 116 Washington. Family letters. A series of letters mostly of 1832 and '33, addressed by Mrs. Geo. Washington Park Custis, wife of the adopted son of Gen. Washington, to Mrs. Mary Lee, wife of Gen. Robert E. Lee, then a lieutenant of U. S. engineers, located at Old Point Comfort. One to the General is addressed My Dear Son; others, My Dear Children; others to her daughter alone, as, My Darling Child, My Precious Child, &c.; all in the hand of Mrs. Custis; 33 closely written pages; 4to and folio. All relating to private family affairs, as might be expected in letters from a mother to her daughter; a *rare* and valuable lot. 11 pieces.
- 117 Hallett, B. F., politician and lawyer. a.l.s. 2 pcs.
- 118 Bradford, A. W., Governor of Maryland. a.l.s.
- 119 Bulfinch, Chas., and W. Scollay, old Boston merchants. d.s. 1798.
- 120 Bourmont, Marshal of France. d.s.; both fine. 2 pcs.
- 121 Bowie, Rob't, Governor of Maryland. a.l.s. 1806; fine.
- 122 Cambronne, French general, and 2 others. a.l.s. and a.l.; third person. 3 pcs.
- 123 Fowle, Wm. B. a.l.s.; concerning a portrait of Gov. Bradford.
- 124 Hill, Isaac, Gov. of New Hampshire. d.s.
- 125 Howard, George, Gov. of Maryland. A selection, mostly official. a.l.s., 1832-34; all fine. 19 pcs.

- 126 Hicks, Thos. H., Gov. of Maryland. a.l.s.
- 127 Hamilton, Schuyler, Maj. Gen. U. S. A. a.l.s., 1865.
- 128 Hamilton, W. Letter from the British Foreign Office to W. Pinckney concerning a French Prisoner of War. a.l.s.; fine.
- 129 Hume, Joseph, British statesman. a.l.s., 1833; fine.
- 130 Kent, Joseph, Gov. of Maryland. a.l.s.
- 131 Lafayette, Geo. Washington; fine. a.l.s. of 7 4to pages. Concerning the education of this son of Gen. Lafayette. I once owned a long letter from Gen. Washington, urging upon Congress the propriety of assuming the expenses of his education, and declaring, in case it did not, he would attend to it at his own cost.
- 132 Morris, Israel. Indenture with Elias Boudinot concerning the Earl of Perth's lands in N. Jersey. This document is signed by Esther Reed as a witness, and appears to be all in the hand-writing of Richard Peters; folio, fine.
- 133 Lincoln, B., Revolutionary Gen. 3 d.s.; fine, 1806.
- 134 Lempster. Town in N. H. A collection of Letters and Documents concerning this Town, official communications, a.l.s., etc. Contains much historical matter concerning Church and Town; valuable lot for the local historian. 116 pes.
- 135 Meredith, Samuel, Sec. of the Treas. a.l.s.; fine.
- 136 Pickering, Treasurer of N. Hampshire. d.s.
- 137 Turner, J., Gov. of N. Carolina. Concerning the Slave Trade. l.s. and d.; fine; 1805.
- 138 O'Callaghan, E. B., Historian. a.l.s.
- 139 Hughes, Sam. Resolution in council, Md. 1785, concerning claims against British debtors, and the confiscation of British property. a.d., etc. 3 pes.
- 140 Page, John, Gov. of N. Hampshire. d.s.
- 141 Price, Rodman M., Gov. of N. Jersey. a.l.s.; fine.
- 142 Root, Erastus, N. Y. Politician. a.l.s.; fine.
- 143 Stevens, S., Gov. of Maryland. a.l.s., 1823.
- 144 Washington, George. Original Proclamation for a day of Thanksgiving and Prayer, Feb. 19, 1795, a printed document; *very rare*.
- 145 Washington, George. Copies in French of papers written by G. Washington, and relating to the Society or Order of the Cincinnati. 5 pes.
- 146 Winder, L., Brig. Gen. a.l.s. to Gen. Scott and two others, 1814; fine. 3 pes.



- 147 A variety of Autograph letters, officers in the late war, eminent clergymen, etc., with a number of interesting documents. 12 pcs.
- 148 A lot of French Autographs and documents, mostly official, of the Old Republic, the Empire under Napoleon I, under Napoleon III, and the New Republic; a collection of interesting papers bearing the signatures of many distinguished men, literary, scientific, and official. 39 pcs.
- 149 French Official Documents on parchment and vellum; the Old Republic, etc.; very fine. 3 pcs.
- 150 Favre, Jules; fine d.s.
- 151 Deblois, Lewis. A selection from his papers; letters, documents, etc., amongst the former appear the names of many noted men, Tristram Dalton, A. Bayard, Wm. Bartlett, James Watson, John Fairfield, Joseph Ball, E. J. MacDaniell, James Carey, John Baron and others; a fine and interesting lot. 59 pcs.
- 152 Codman, John, old Boston Merchant. a.l.s.; fine; 1802.
- 153 Dalton, Tristram, Commissioner for laying out the city of Washington. a.l.s., 1807.
- 154 Kemble, Gouverneur. a.l.s. 2 pcs.
- 155 Macomb, Alex. a.l.s. Apr., 1792; fine.
- 156 Stoughton, John. A love letter of the olden time to Miss Eliza Deblois, beautifully written, and a model of amatory correspondence. a.l.s.
- 157 Dearborn, Gen. Henry. a.l.s. and d.s. 2 pcs.
- 158 Forbes, J. H., Consul General at Copenhagen. d.s.
- 159 Gray, Wm., Jr., merchant, generally known as Old Billy Gray, also one from Henry Gray. a.l.s.; fine. 6 pcs.
- 160 Sundry a.l.s. distinguished clergymen, literary men, &c. 13 pcs.
- 161 Fine documents on vellum and parchment, medical diploma, &c., one with signature of T. H. Mifflin. 6 pcs.

### PLAY BILLS, DRAMATIC PORTRAITS, ETC.

The following remarkable collection of play bills is mostly English, and comprises bills of nearly all the metropolitan and provincial play-houses, and there will be found on them the names of most of the celebrated actors of England and other countries, who have been popular at times within the last hundred years. Want of space compels the omission

generally of names and dates. The condition of the pieces is excellent, or perfect in most instances. B. indicates bill; p., portrait; s., sketch. The closing figures, the number of pieces in the lot.

- 162 Jim Crow Rice, Chas. Mathews, etc. 1839. 2.
- 163 Macready, Anna Bishop; p. of Macready as Brutus. 1836. 4.
- 164 Madam Malibran, Mr. and Mrs. Yates, etc. 1832. 3.
- 165 Ellen Tree, Knowles, Kemble, etc. 1833. 6.
- 166 Kean, Fanny Kemble, etc.; p. of Kean as Gloucester. 1831. 6.
- 167 Macready, Wallack, etc. 1830. 2.
- 168 Fanny Kemble, C. Kemble, etc. 1830 p. 2 p. of Miss K. in character. 7.
- 169 Miss Kemble, Miss Paton, etc. 1830. 4 character p.; *rare* lot. 13.
- 170 Mad. Vestris, Kean, etc. 1829. 7.
- 171 Master Burton, pictured in 20 costumes; *very rare*.
- 172 Kean, Kemble, etc. 1828. 2 character p. 9.
- 173 Mrs. Kemble, Mad. Vestris, et als., C. Kemble; 2 character p. 7.
- 174 Master Burke, Macready, etc. Character p. M. as King Lear. 1824. 4.
- 175 Miss Love, b. character p. and three autograph passes signed by W. G. Elliston. 9.
- 176 Mrs. Bunn, Mr. Farren; character p. of Mrs. B. and Mathews. 1821. 7.
- 177 Mrs. Bunn, French, Yates, Kean, Mathews, etc.; 2 character p. 12.
- 178 Fawcett, Mathews, etc.; 3 character p. 1816. 12.
- 179 Liston, Creswell, Miss Siddons, etc.; 3 fine characters. 7.
- 180 Chas. Taylor, etc.; 5 character p.; fine lot. 1790-1801. 11.
- 181 Mr. Ovan, Benson, Wood, etc. 1773-1789. 4 character p. 13.
- 182 Kemble, Booth, etc. 1801-1811. 10.
- 183 Liston, Young, Sinclair, etc. 1812-14. 6.
- 184 Mrs. Bartley, Mr. Davenport, etc. 1815-25. 20.
- 185 Mathews, Thorne, Grimaldi, etc. 1815-25; fine lot. 20.
- 186 Miss O'Neill, Maria Darlington, Mad. Vestris. 1815-25. 20.
- 187 Fawcett, Kemble, Adams, etc. 1815-25. 20.
- 188 Kean, Reeve, Miss Burnett, et als. 1815-40. 29.

- 189 Mrs. Selby, etc. 1825-40. 26.
- 190 Ducrow, Templeton, Cook, Jones, etc. 1825-40. 27.
- 191 Mrs. Wood, Mr. Hackett, Mr. Barrister, etc. 2 character p. 9.
- 192 Play-bills, mostly American. Forrest, Wallack, etc. 1865-80. 62.
- 193 Similar lot; many different names. 67.
- 194 Another similar lot. Burton, Wallack, etc. 67.
- 195 Forrest, Kean, Burton, Chanfrau, Celeste, etc. 70.

### THEATRICAL PORTRAITS, ENGRAVINGS, ETC.

- 196 Forrest as Hamlet; various actors in Shaksperian characters; fine lot. 21.
- 197 Shakspeare and Rembrandt; fine p. 3.
- 198 American statesmen, etc.; Adams, Jefferson, Franklin, Lafayette, etc.; of the latter four, and two of Franklin; all fine. 11.
- 199 Washington; all different; a fine lot, two are *rare*. 4.
- 200 Dr. Becker, M. Gerome, Wm. Nevins; all large and fine. 3.
- 201 Character p. Edmeston, Siddons, Garrick, etc.; fine lot. 5.
- 202 Character p. Mars, Marston, Sontag, Bennet, Brook; all fine. 10.
- 203 Another lot. Miss Siddons, Mrs. Mountam, Mathews, Moody, Munden, Miss Glynn, Mad. Carvalho; fine lot. 15.
- 204 Another lot. Several large; fine. 10.
- 205 Mrs. Yates, Talmy, Taglioni, R. B. Sheridan, etc.; all fine. 5.
- 206 Smith, Yates, Wood, etc. 10.
- 207 Taglioni as La Sylphide, colored, and others; all fine, 10.
- 208 Mr. Lewis, Mr. Martyn, Mr. Middleton, etc. 10.
- 209 Fanny Kemble, Mr. Kemble, Mr. King, etc. 10.
- 210 Fawcett, Kemble, Barnard; all in character. 20.
- 211 Siddons, Pope, Kemble, etc.; character p. 20.
- 212 Similar selection; no dup.; a fine lot. 30.
- 213 Old dramatic prints, scenes, etc.; desirable. 7.
- 214 Old German dramatic prints; very curious. 6.
- 215 Bible prints; no dup.; a fine and desirable lot. 133.



- 216 Old views in Rome and Florence. 30.
- 217 Portrait and autograph letter of Angelica Kauffman, with selections from her works, by various engravers; the letter dated 1787 is very rare. 11.
- 218 Assorted prints; a fine selection suitable for illustrating. 57.
- 219 Rare and curious old Bible prints. 90.
- 220 Etchings, etc.; fine lot. 17.
- 221 Brooke as Iago, Irving as Macbeth, etc. 10.
- 222 Cornwallis; rare portrait.
- 223 Distinguished men in art and science, etc.; desirable lot. 25.
- 224 Napoleon I, his family and marshals; no duplicates; fine. 21.
- 225 Wellington, Hogarth, Schiller, Cuvier, Michael Angelo, etc.; very desirable. 27.
- 226 Fox, Humboldt, Newton, etc.; no dups.; fine lot. 26.
- 227 Illustrations of Life of Washington. 14.
- 228 American p. Franklin, Lincoln, etc.; 8vo and above. 14.
- 229 French portraits of women; 8vo and 4to; fine lot. 10.
- 230 Napoleon I; one in royal robes; different; both very fine. 2.
- 231 Napoleon I; proof before letters; 4to.
- 232 Old fashion plates, illustrating the quaint costumes of 60 years ago. 25.
- 233 Another lot of about the same period. 20.
- 234 Old Italian Catholic engravings; 8vo size. 42.
- 235 Bundle of scrap prints; wood cuts; no dups. 434.
- 235a A similar lot without dups. 500.
- 236 Scrap prints; steel and wood engravings; no dups. 111.

#### BOOKS, PAPERS AND PAPER MONEY.

- 237 Confederate. Our Own Primary Arithmetic; 12mo, boards, Greensborough, N. C. 1863.
- 238 Confederate. Our Own Third Reader; 12mo, bds., Greensborough, N. C. 1862.
- 239 The Sorrows of Seduction. Engravings. 12mo, bds., uncut. London, 1855.
- 240 Confederate Almanac, 1865.

- 241 Virtus Inconcussa; 4to, rough edges; text in Italian.  
16 curious plates, mostly in sepia.
- 242 Confederate newspapers, Richmond, N. O., etc. 1861-2;  
fine lot. 6.
- 243 "The Tickler"; old Phila. paper. 4.
- 244 Confederate notes; various denominations; 50c. to  
\$100; fine. 68.
- 245 Confederate notes; 1864 set. 9 pieces.
- 246 French assignats; good lot; scarce. 31.
- 247 Roman paper money. 1796. 13 notes.
- 248 Continental paper money; N. Y., N. J., Va., etc., and  
one fiat bill. 38.
- 249 Old bank notes; money of Haiti, etc. 4.
- 250 Confederate bonds; diff. varieties; each for \$100, with  
coupons, registered, etc.; all different. 8.

#### UNION AND CONFEDERATE ENVELOPES.

- 251 Confederate. All different; the Confederate flag, etc.;  
all true Conf. issues are rare. 15.
- 252 Union. Views of cities, institutions, etc.; bronze; all  
fine. 25.
- 253 The house that "Uncle Sam" built, Nos. 2 to 9; rare  
set. 8.
- 254 Camp scenes, etc.; bright colors. 23.
- 255 Similar lot; views, etc.; bright colors. 25.
- 256 Union. In bronze and colors; some very beautiful; por-  
traits, etc. 38.
- 257 Portraits of McClellan; different. 32.
- 258 Zouaves, etc.; mostly relate to Ellsworth. 15.
- 259 Union. Flags, portraits, etc., several of Lincoln. 60.
- 260 Union. Contrabands, death's heads, etc.; rare lot. 34.
- 261 Shields, banners, etc.; bright colors, like hand-paint-  
ing. 19.
- 262 Satirical. Queer lot; fine. 44.
- 263 Patriotic. Eagles, flags, etc.; one, a vote for Lincoln  
and Johnson; reverse, party platform. 48.



## POSTAGE STAMPS.

- 264 British Colonial. N. Scotia (diamond), C. of G. Hope (triangular and provisional), P. E. I. (pence), B. Guiana, Trinidad, Barbados, Jamaica, St. Vincent, India, Hong Kong, Victoria, Sts. Set., N. Zeal., N. S. Wales, N. Bruns., Mauritius, etc.; all obsolete, no duplicates, a desirable lot. 51 stamps.
- 265 British Colonial. St. Helena, S. Leone, Bahamas, P. E. I., Newfoundland, Heligoland, Ceylon, etc.; no dups., a good lot. 25 stamps.
- 266 British Colonial. C. of G. Hope (triangular), N. S. Wales, Van D. Land, Antigua, India, Trinidad, N. Bruns., N. Scotia, New Zealand, etc.; all obsolete, no dups., many scarce. 31 stamps.
- 267 Fiji Is., Peru (cars). Chili, Japan, Brazil, Spanish Colonies, (old) Luxemburg, Switz. French Col., Newfoundland, P. E. I., Portugal and Grenada; all obsolete, no dups., many *rare* or scarce. 101 stamps.
- 268 A Collection of foreign postage stamps; nearly all obsolete, no dups. 364 stamps.
- 269 Confederate States; no dups. 3 stamps.
- 270 Azores, Japan, Arg. Rep., Portugal, etc.; mostly obsolete; no dups. Dealers' price \$1.86. 18 stamps.
- 271 Alsace and Lorraine, Arg. Rep., Austria, Baden, &c.; no dups. 74 stamps.
- 272 Barbados, Bavaria, Belgium, &c.; no dups. 69 stamps.
- 273 Brazil, Brunswick, Canada, &c.; no dups. 58 stamps.
- 274 C. of G. Hope, Denmark, Egypt, &c.; no d. 61 stps.
- 275 France, French Col., Germany, &c.; no dups. 90 stps.
- 276 Gt. Brit., Heligoland, Holland, &c.; no dups. 61 stps.
- 277 Hong Kong, Hungary, &c.; no dups. 52 stamps.
- 278 India, Italy, &c.; no dups. 51 stamps.
- 279 Japan, N. S. Wales, &c.; no dups. 47 stamps.
- 279 $\alpha$  New Zealand, Norway, &c.; no dups. 60 stamps.
- 280 Peru, Portugal, &c.; no dups. 40 stamps.
- 281 P. Ed. Is., Prussia, Queensland, &c.; no dups. 80 stps.
- 282 Roumania, Russia, Turkey, &c.; no dups. 71 stamps.
- 283 Sandwich Is., Saxony, &c.; no dups. 10 stamps.
- 284 S. Australia, Spain, &c.; no dups. 82 stamps.
- 285 Straits Settlements, Sweden, &c.; no dups. 64 stps.

- 286 Switzerland, Tasmania, &c.; no dups. 62 stamps.  
 287 Victoria, Wurtemberg, &c.; no dups. 57 stamps.

The following lots contain duplicates.

- 288 Australia, Queensland, Van Dieman's Land, N. S. Wales, Victoria, etc.; all obsolete. 137 stamps.  
 289 Greece, French Colonies, etc.; all obsolete. 398 stps.  
 290 Spain; good variety, all obsolete. 123 stps.  
 291 Bavaria, Belgium, etc.; all obsolete. 497 stamps.  
 292 Holland, Dutch Indies, etc.; all obsolete. 792 stps.  
 293 Roumania, Switzerland, etc.; 487 stamps.  
 294 Russia, Hungary, etc. 395 stamps.  
 295 Germany and Italy; good assortment. 197 stamps.

The following are all unused:

- 295a Wurtemberg. 1860, 6 and 18 K.; 1862-64, 1, 3 and 9 K.; worth at dealers' prices, \$1.05. 5 stamps.  
 296 Saxony. 1854, 3 pf.,  $\frac{1}{2}$ , 1, 3 and 5 n. gr.; dealers' price, \$1.45. 5 stamps.  
 297 Saxony. Envelopes, 1859, 1 and 2 n. gr., cut sq.; dealers' price, \$1.00. 2 stamps.  
 298 Germany. 1862, 3, 6 and 9 K.; env., 1862, 2 K.; 1869, 1, 15 and 30 Kr. 7 stamps.  
 299 Hanover. 1859-61, 1, 2 and 3 (brown) g.; 1853, 3 pf.; dealers' price, 75c. 4 stamps.  
 300 Germany. 1859,  $\frac{1}{4}$ , 2 and 3 s. gr. 3 stamps.  
 300a Germany. 1859, 5 and 10 s. gr.; 1862-64,  $\frac{1}{2}$ ,  $\frac{1}{3}$ , and 1 s. gr.; dealers' price, 85c. 5 stamps.  
 301 Spain, Sierra Leone, Jamaica, &c.; many obsolete; dealers' price, \$2.22. 30 stamps.  
 302 Berge-dorf, Old Nova Scotia, P. Ed. Is., Spain, Queensland, &c.; dealers' price, \$1.04. 20 stamps.

#### U. S. REVENUE STAMPS.

- 303 H. R. Stevens, 6c., pink paper; *very rare*.  
 304 Curtis & Son, 2c., old plain paper; *very rare*.  
 305 Manhattan Med. Co., 2c.; Helmbold, 4c.; Johnson & Co., 1c.; all pink paper, and *rare*. 3 stamps.  
 306 Rose & Co., 4c., silk paper; *rare*.  
 307 D. S. Barnes, portrait, 2c., black; *rare*.  
 308 Radway, 2c., pink paper; Manget & Petrie, 5c., pink paper; Corning & Tappan, *black*. All scarce. 3 stps.

- 309 Bank Check, 2c., red, green and blue; *essays, rare.*  
3 stamps.
- 310 Lieense Stamps, 8 varieties; desirable lot.

## PRE-HISTORIC STONE RELICS.

Several small collections of the objects following have been grouped together, with reference only to keeping the invoices by themselves; hence the entire want of classification. The Swiss objects in the first invoice are all from the palafittes, or remains of the habitations of the late dwellers of Lake Neuchatel. The dimensions are given in inches, allowing variations of  $\frac{1}{4}$  inch or less.

- 310a Stone celt with buck-horn handle.  $4\frac{1}{8} \times 2$ .
- 311 Another of larger size, the top fitted for a cross-handle; fine. Switzerland.  $5 \times 2\frac{1}{2}$ .
- 312 Bone needles. Switzerland. Fine and *rare*;  $3\frac{1}{4}$  to 5 ins.
- 313 Axe or celt with buck-horn handle. Switzerland.  $5 \times 2\frac{1}{2}$ .
- 314 Ungrooved axe or celt, polished edge; large and fine for a Swiss implement.  $5 \times 2\frac{1}{4}$ .
- 315 Celts or axes without handles; small and med. size. Switzerland. 6.
- 316 Another assortment of smaller average size; fine lot. 9.
- 317 Weaving stones or whorl stones; circular, perforated, 1 dentilated. Switzerland. Fine and scarce. 5.
- 318 Similar objects; broken. Switzerland. 7.
- 319 Ball, flattened at sides; dia.  $2\frac{3}{4}$  in.
- 320 Celt, declared by the owner to be of horn; it appears rather to be of fossilized wood; it is a fine object. Switzerland.  $3\frac{1}{2} \times 1$ .
- 321 Flint knives or scrapers; near Florence, Italy. 5.
- 322 Arrow points. Italy. These points are of handsome material and well made. Arrow points from Italy are amongst the very rarest of stone objects. 1 to  $2\frac{1}{4}$  in. 8.

## A GEORGIA COLLECTION.

- 323 Finely formed and finished celt from the High-Tower River.  $5\frac{3}{4} \times 2\frac{1}{4}$ .
- 324 Another celt with rounded sides and pointed top, nearly matching the last; found on Big Creek.  $6\frac{3}{4} \times 2\frac{1}{4}$ .



- 325 Spade or shovel-shaped object; in form resembles that figured by Jones, Plate XVII, Fig. 2. This is evidently of the same class, and nearly as large as that, though the handle is much shorter. Classed as an agricultural tool, but I question its being such, and am inclined to class it as a scraper; entire length 6 in., length of handle  $3\frac{3}{4}$ , the blade, semi-ovate,  $2\frac{1}{2} \times 2\frac{1}{2}$ ; the edge is slightly chipped, but is finely wrought. It is certainly one of the finest of aboriginal relics. Gwinett Co., Ga.
- 326 Ball, as spherical as though turned in a lathe; smoothly finished. High-Tower River. Dia. 2 in.
- 327 Target stone, egg-shape, flat at one end; a rare object. Little River, Milton Co., Ga. Dia.  $1\frac{3}{4} \times 1\frac{3}{4}$ .
- 328 Target stone of brown hematite, the most beautiful and rare material in which any of these pre-historic remains are found; rare both for material and form. Ga. Height  $1\frac{3}{4}$  in.
- 329 Target stone, of the same material and finer workmanship. Ga.  $1\frac{1}{4}$  in.
- 330 Target stone, quartzite, elongated, oval; very fine. Gwinett Co., Ga. 2 in.
- 331 Target stone, ovate; top pointed, base concave; fine, a very rare form. Chattahooche River.  $1\frac{1}{4}$  in.
- 332 Cone or hemisphere, perhaps a muller; rude, but well defined. Same locality.  $2\frac{1}{4} \times 1\frac{1}{2}$ .
- 333 Cone or muller of better workmanship. Big Creek, Milton Co., Ga.; fine,  $2 \times 1\frac{1}{2}$ .
- 334 Stone of mammary form; resembles a breast with large nipple. I have never seen this form duplicated;  $1\frac{3}{4} \times 1\frac{3}{4}$ .
- 335 Discoidal stone. Milton Co., Ga.; very fine, with two deep depressions; dia.  $1\frac{7}{8}$  in.
- 336 Disk, plano-convex. Sandy Creek, Ga.  $2 \times \frac{3}{4}$ .
- 337 Small discoidal. High-tower river, Ga.  $1\frac{1}{4}$ .
- 338 Small disk; very fine. Ga.  $1\frac{1}{2}$ .
- 339 Perforated disk, or large flat stone bead. Forsaith Co., Ga.; fine.
- 340 Stone disk, both sides highly convex. This remarkable object appears to be of close grain granite, and through its centre is a closely-fitted plug of metallic copper; the only example I have ever met of copper wrought in connection with stone. Little River, Ga. Without doubt of the highest rarity; very pretty, and a wonderful example of primitive art.

- 341 Muller or cone, top pointed, red hematite; so fine an example in this material is seldom found. Milton Co., Ga.  $1\frac{5}{8} \times 1\frac{1}{2}$ .
- 342 Plumb-bob, or sinker; cylindrical in form, gradually tapering towards the ends; at one extremity a well defined ball; near the other an encircling groove; very fine, indeed, and rare. Gwinett Co., Ga.
- 343 Thick gorget, elliptical with double perforation; fine. Gwinett Co., Ga.  $3\frac{1}{2} \times 1\frac{1}{4}$ .
- 344 Arrow points; one of rock crystal, one of chalcedony, several of rare forms. Big Creek, Forsyth Co., Ga. 8.
- 345 Spear-head; same locality.  $3\frac{1}{2} \times 1\frac{3}{4}$ .
- 346 Spear-heads; all different, one of rare form, nearly drill shape, labelled with localities. 4.
- 347 Boat-shaped object, hollowed at the top with two perforations through the bottom. Hall Co., Ga.; very fine and rare.  $3\frac{3}{4} \times 1\frac{7}{8}$ .
- 348 Pendant or ornament; elliptical, with two perforations. Milton Co., Ga.  $2\frac{1}{4} \times 1\frac{1}{4}$ .
- 349 A flattened cylinder or unfinished pipe; has large perforation, extending nearly through lengthwise; evidently of great age.  $2 \times 1\frac{1}{2}$ .
- 350 Stone, semi-cylindrical in form, plano-convex, rounded at the ends with perforation  $1\frac{1}{8}$  in. deep,  $\frac{1}{2}$  in. dia.; fine, and of unknown use and name.  $3\frac{1}{4} \times 2\frac{1}{4}$ .
- 351 Disk, nearly black stone, fine workmanship, double convex. Milton Co., Ga.  $2 \times \frac{7}{8}$ .
- 352 Grooved axe, sharp grained, red sandstone; fine. Gwinett Co., Ga.  $4\frac{1}{4} \times 3\frac{1}{4}$ .
- 353 Grooved axe, square edge, same material, finer than last. Little River, Ga.  $4\frac{1}{4} \times 2\frac{3}{4}$ .
- 354 Flattened cylinder, approaching oval, longitudinal perforation,  $\frac{7}{8}$  in. deep.  $3\frac{1}{4} \times 2\frac{1}{4}$ .

## A MISSOURI CONSIGNMENT.

- 355 A selection of large arrow points; many are good, some defective. Cole Co., Mo. 70.
- 356 A similar lot; same locality, some of spear-head size. 70.
- 357 Fine selected arrow-points. Cole Co., Mo. 14.
- 358 Arrow-points, spear-points, knives and fragments. Osage and other counties, Mo. 72.
- 359 Similar lot, same location. 74.

- 360 Arrow-heads and spear-points ; selected lot. Osage Co., Mo. 18.
- 361 Another selection, better than last, same locality, and will average nearly double the size. 24.
- 362 Lot of the same ; good quality, but not so large. 30.
- 363 Smaller arrow points. Osage Co., Mo. Fine selected lot, extra quality for the locality. 33.
- 364 Spear heads of large size, mostly of fine quality, several are very fine. Osage Co., Mo. 6.
- 365 Arrow points, drills and some odd forms ; selected. Osage Co., Mo. 12.
- 366 Small arrow points, various localities, mostly Osage Co. Triangular, serrated, war points, and various other forms, being mostly minute in size, and of fine quality ; this lot is particularly rare and desirable. 40.
- 367 Arrow and spear points, etc. ; med. size, fair lot. Cole Co., Mo. 22.
- 368 Flaked objects ; knives, spear heads, arrow points, etc. ; some defective ; a desirable lot. Cole Co., Mo. 47.
- 369 Another lot ; same description and location. 35.
- 370 Another lot ; same general description of smaller size, and average better quality. 67.
- 371 Another selection, mostly from Osage Co. : contains many good pieces, and one extra fine leaf-shaped knife. 130.

### HOT SPRINGS, ARKANSAS, CONSIGNMENT.

The following are from De Roche and the neighborhood of Hot Springs, Ark. The pottery and shells are from the mounds : the arrow-points, etc., are surface finds. The pottery comprises some of the finest pieces I have seen. The stone objects are few in number, but unusually good.

- 372 Arrow-point, nearly rhomboidal, rare form, fine.
- 373 Arrow-point, chalcedony, curved and rotary ; very fine. 3 in.
- 374 Arrow-point, similar form ; very fine. 3 in.
- 375 Arrow-points, chalcedony, quartzite, etc. ; very fine lot. 12.
- 376 Another selection, differing in form, equally fine. 12.
- 377 Drill-shaped spear-point ; fine, rare. 3½ in.
- 378 Large spear-heads ; all fine. 8.
- 379 Selected arrow-points, of good size ; very fine. 16.



- 380 Another selection, quite as fine ; a little larger in size. 14.  
381 Large round-pointed spear-head.  $4\frac{1}{2}$  in.  
382 Blunt pointed arrow ; sides nearly parallel ; small, unique form.  
383 Minute arrow points ; chalcedony and various other materials. The workmanship of these points is only equalled by the beautiful jewelery points of the north-west coast. They are of fine material, but lack the bright colors of those of the north-west. They are, however, at least twelve times as *rare*.  
384 Another selection, all barbed and slender ; a beautiful lot. 12.  
385 Another selection ; war points with notched bases. 12.  
386 Another selection ; notched bases, the angles forming barbs, resemble the ancient Irish arrows ; *rare*. 7.  
387 Another selection ; slim and serrated ; very fine. 15.  
388 A selection uncommonly small, though not minute ; fine lot. 12.  
389 Fine lot selected for variety, illustrating size, material, and especially form ; one of yellowish rock crystal. 20.  
390 Another lot selected with the same object. 20.  
391 A similar selection ; equally desirable, but of larger size. 18.  
392 Others, smaller size, equally fine. 20.  
393 Another selection, same quality ; no better lot in the sale. 31.

The fifteen following pieces are so superbly fine, that I cannot refrain from giving to each a description. Amongst the hundreds of thousands I have seen, I think it would be impossible to match the few which follow.

- 394 Arrow-point, serrated, with hollow base and notched sides.  $1\frac{1}{2}$  in.  
395 Arrow-point, serrated, long barbs, narrows sharply towards the point.  $1\frac{1}{2}$  in.  
396 Arrow-point, long, thin, expanded base and broadens across the barbs. 2 in.  
397 Arrow-point, serrated, triangular, hollowed base ; beautiful reddish stone, faultless.  $1\frac{1}{2}$  in.  
398 Arrow-point, serrated, hollowed base ; base at the sides notched and parallel, chalcedony.  $1\frac{1}{2}$  in.  
399 Arrow-point, barbed, with stem, black stone, perhaps obsidian.  $1\frac{1}{4}$  in.  
400 Arrow-point, serrated, base notched and hollowed, with parallel serrated sides.  $1\frac{1}{2}$  in.

- 401 Arrow point, slender, serrated, triangular, with hollow base.  $1\frac{1}{2}$  in.
- 402 Arrow point, notched, serrated.  $1\frac{1}{2}$  in.
- 403 Arrow point, serrated, with swelling sides, notched and hollowed base.  $1\frac{5}{8}$  in.
- 404 Arrow point, serrated, with broad, notched base.
- 405 Arrow point, triangular, base deeply notched.  $1\frac{1}{8}$  in.
- 406 Arrow point, serrated, minute point gone.
- 407 Minute drill, perfect.  $1\frac{1}{4}$ .
- 408 Another minute drill; very slender and perfect.  $1\frac{1}{4}$ .
- 409 Arrows; one of unique form, some slightly imperfect. 4.
- 410 Spear head; fine; barb broken and repaired. 5.
- 412 Leaf-shaped knife or spear head. 4.
- 413 Another; very fine.  $4\frac{1}{2}$ .
- 414 Stone bead; perfect. Dia.  $\frac{3}{8}$  in.
- 415 Grooved axe; top repaired, mound builder's.  $3\frac{1}{4} \times 3$ .
- 416 Boat-shaped object; oval or elliptical, with top hollowed. Hot Springs.  $3\frac{3}{4} \times 1\frac{3}{8}$ .
- 417 Similar object; ends rounded, and top slightly hollowed.  $2\frac{3}{4} \times 1\frac{1}{2}$ .
- 418 Similar object; the top is flat and smooth with no depression.  $3 \times 1\frac{1}{2}$  in.
- 419 Celt. Hot Springs. Fine.  $3\frac{1}{4} \times 1\frac{3}{4}$ .
- 419a An object much resembling 418, but the top is curved and the ends are nearly square; dark, almost black; fine.  $2\frac{1}{2} \times 1\frac{1}{2}$ .

### MOUND BUILDERS' POTTERY, ETC.

All of the examples following are from the Hot Springs, Ark.

- 420 Bottle or urn; beautifully ornamented with incised geometric figures. The ornamentation of this piece is more elaborate than any other that I have seen. A peculiarity of the vessel is, that it has on each side, at its broadest expansion, a small, round hole. These holes are opposite and I think were formerly connected by a pottery tube passing through the vessel, of which portions still remain. It has been badly broken and repaired, and some small fragments are missing: very fine surface with almost a glaze; capacity about 2 qts., height nearly 8, and dia. 7 in.



- 421 Tall bottle or urn; the bottle has short neck, and in the middle of the body an hour-glass contraction. The upper portion ornamented with curved parallel lines arranged in three groups; a small, round fragment one inch in diameter broken from side; a piece almost as fine and remarkable as the last: height 10, dia. 8.
- 422 Water bottle; body spherical, neck broken and neatly repaired; very fine; length 8, dia. 6.
- 423 Long neck water bottle; neck with a flaring edge; body finely ornamented, with parallel grooved lines arranged in 8 groups; about as remarkable as the two first described; very fine; neck fractured and cemented.  $10 \times 6\frac{1}{2}$ .
- 424 Water bottle; long neck expanding at the top; covered with ornamentation, more elaborate than the preceding. This vessel bears marks of fire, and in parts appears to be nearly vitrified: perfect, and perhaps the most desirable piece in the sale; height 9, dia. nearly 7 in.
- 425 Open urn, flaring at the top; the body has two sharp contractions, one just below the middle, the other near the top; ornamented with lines; has been fired; badly broken and neatly mended.
- 426 Water urn; neck expands in the middle: body flat at the bottom; height 9 in., dia. 6.
- 427 Water urn; body broadly expanded in the middle: bottom square, rare form and fine; height  $6\frac{1}{2}$ , dia.  $5\frac{1}{2}$  in.
- 428 Water bottle; neck flaring, body spherical; very fine.  $7\frac{1}{2} \times 5\frac{1}{2}$ .
- 429 Urn; nearly globular, small opening at the top: bottom flat; the upper part marked with numerous incised lines; height  $4\frac{1}{2}$ , dia. 5.
- 430 Pottery. Mound-builder's pipe, monitor shape, with one end square; very fine and rare;  $3\frac{1}{2}$  long,  $2\frac{1}{4}$  high.
- 431 A pair of bivalve shells; small perforation through the centre of each part; though marked by great age, the beautiful pearly appearance of the interior is still very noticeable. It is remarkable that these shells are an original pair; 5 long. 2.

## A NEW YORK CONSIGNMENT.

- 432 Large grooved axe: Dauphin Co., Pa.: rude, but good for the locality.  $7\frac{1}{2} \times 3\frac{3}{4}$ .

- 433 Grooved axe. Hargesa Island, Susquehanna River, Pa.  
In form somewhat twisted; rude, but good for local-  
ity.  $6 \times 3\frac{1}{2}$ .
- 434 Grooved axe; same locality; good.  $6\frac{1}{2} \times 3\frac{1}{2}$ .
- 435 Gouge; fragmentary. Dauphin Co., Pa.  $4\frac{1}{2} \times 2$ .
- 436 Spear head. Tenn. Good.  $3\frac{1}{2} \times 1\frac{3}{4}$ .
- 437 Barbed spear head. Ind.  $3\frac{1}{4} \times 2\frac{1}{4}$ .
- 438 Arrow points. Fenton Co., Mo. Fine lot, medium  
size. 12 pcs.
- 439 Arrow and spear points, obsidian, etc. Salmon Falls,  
Idaho. 10 pcs.
- 440 A knife, sinker, part of a banner stone, and 8 arrow  
points. Dauphin Co., Pa. 11 pcs.
- 441 Arrow and spear points; variety in form and material;  
good lot. Hamilton Co., O. 25 pcs.
- 442 Arrow and spear points. Hamilton Co., O. Different  
forms and material; fine lot. 26.
- 443 Similar lot, but average larger size; same locality. 25  
pieces.
- 444 Turtle back. Burk Co., N. C. Fine.  $5 \times 3$ .
- 445 Turtle back, arrow points, etc.; same locality; good  
lot. 11 pcs.
- 446 Ancient Mortuary carvings in alabaster from the cata-  
combs of Rome; 2 Beads, 4 Hearts, 3 Rosettes. 9.
- 447 Another little lot of antique carvings; a Heart in agate,  
Horse and rider, several Faces. 5 pcs.
- 448 Necklace of bone beads, a number with incised lines.  
Linn Co., O. 23.
- 449 Lot of Coins. Roman Denarius dentilated, oval Half  
Dime, Musical Medal, Cents. Hard Times Tokens, a  
number of Canada pieces; several State Cents, An-  
cient Roman, 2d bronze, &c. 57 pcs.
- 450 Member's Medal Coney Island Jockey Club, admission  
tickets for 1880 and '83; tin, oval with ring; *rare*.  
2 pcs. 24.
- 451 Medal of the College of St. Louis. New York. Bronze,  
fine, *rare*. 29.
- 452 Chinese or Japanese Cash; good lot. 20 pcs.
- 453 Teeth of the Royal Bengal tiger. 2 pcs.
- 454 Brass bracelet with Temperance Medal attached.  
West Coast of Africa.
- 455 Large Chinese Token Coin; thick, oval, raised edge,  
an oblong hole in the centre, weight  $\frac{1}{2}$  lb; *extremely*  
*rare*. 60x49.

- 456 Rubies from Ceylon; a small bottle containing 20 or more.
- 457 Another bottle filled with rough topaz. Brazil. 44 pieces.
- 458 A bottle of fine little garnets from South Africa; large number, sold as a lot.
- 459 A Collection of Revenue Stamps with some postage stamps pasted in a book. 540 pes.

## ANCIENT TERRA COTTA.

- 460 Female head with hair drawn up at the back, banded on the forehead; nose, and one side of the cheek slightly injured; found at Nola; a *rare* and valuable antique; light reddish brown. 9 in. high.
- 461 Crater or deep Vase; black decoration, bands of red, and fine decorations in white; very fine. Pompeii. height  $3\frac{1}{2}$  in.
- 462 Crater with two curved handles; yellow clay in red lines, bands, waves, etc.; very fine. Pompeii. Height  $3\frac{1}{2}$ , dia.  $3\frac{1}{2}$  in.
- 463 Vase or Jar with two handles; light red, ornamentation in black; very fine; from Cyprus. Height 5 in., dia. 4 in.
- 464 Vase of unusual form, contracted at the base, swelling in the middle, then contracting and expanding at the top; black, with incised lines; dug up in Germany; of the period of the Roman occupation, and of Roman workmanship; very fine. Height 7 in.
- 465 Deep Patera or Kulex; two handled; red, with iridescent black glaze; fine shape and condition. Pompeii. Dia. 5 in., height 3 in.
- 466 Lepaste Patera; brilliant black glaze, bottom red, with black ring, pressed decorations inside, without handles; very fine. Dia.  $5\frac{1}{2}$  in., height 2 in.
- 467 Phallic Lamp; lascivious scene in centre, indescribable; chocolate brown, with handles. Pompeii. A *rare* and very remarkable piece. Dia. 5 in., height  $1\frac{1}{2}$  in.
- 468 Jug or Vase: ancient Roman; neatly repaired, from the Palmer Collection. Height  $6\frac{1}{4}$  in.
- 469 Deep Patera of red terra cotta; Phenician character at one side; very fine, trifling crack in one edge. dia.  $6\frac{1}{2}$ , height  $2\frac{1}{2}$  in.



- 470 Deep Patera: one handle, brown, with dark glaze; very fine. Height 2 in.
- 471 Deep Patera; from a tomb near Bingen; in the bottom the maker's monogram; bright red, very fine and *rare*. Height  $2\frac{1}{2}$ , dia.  $3\frac{1}{2}$  in.
- 472 Patera; black, with red bottom, flaw in the edge. Dia.  $2\frac{1}{2}$ , height  $1\frac{1}{2}$  in.
- 473 One-handled Patera; yellowish red clay, with decoration in red; slight flaw. Height  $2\frac{1}{2}$ , dia.  $5\frac{3}{4}$  in.
- 474 Large Kulex; double handle with base, light black glaze, large piece and some small ones broken from the edge. Height 3 in., dia. 6 in.
- 475 Small pitcher with handle; black glaze; fine. Height 3 in.
- 476 Cover of a vessel with knob; rings and pellets in dark red on yellowish ground.
- 477 Small black Patera; fine. Dia.  $2\frac{1}{2}$ , height  $1\frac{1}{2}$  in.
- 478 Alabastron: red terra cotta. Pompeii. Very fine. Height  $4\frac{3}{4}$  in.
- 479 Two-handled cup; ancient Roman; Palmer Collection; broken and repaired. Height 3 in., dia.  $4\frac{1}{2}$  in.
- 480 Left-handed Jug or Pitcher; light terra cotta. Pompeii. Perfect. Height  $5\frac{1}{2}$  in.
- 481 Oenoche or trefoil lip pitcher; yellow clay, with ten bands in red, capacity about one gallon; broken and mended. Naples. Height 10 in.
- 482 Parrot shape vessel; black terra cotta; from ancient burial place in Peru; has been mended, small fragments missing. Height 7 in., length 8 in.

## GEM ARROW POINTS.

### A CONSIGNMENT FROM OREGON.

Arrow points of the quality of the following lots have never been offered at auction; they are all from the bed of the Willamette River, all are of semi-precious stones, and each one is absolutely perfect. Such points are very rare in Oregon, the only place in the world where they are found, and those of the finest quality sell readily, even there, at \$1 to \$5 each; they are used for jewelry, as studs, rings, and charms; they are also wrought into chains. Though I have bought many thousands of arrow points from the northwest coast, I have never found any others in quality equalling this consignment. As these arrows are found, scarcely one in a thousand is absolutely perfect like these. The size, length, and material only are specified.

- 483 Hollow base with long barbs, serrated, opalescent cornelian.  $1\frac{1}{8}$  in.
- 484 Triangular with broad stem, cornelian. 1 in.
- 485 Triangular barbed with broad stem, brown agate.  $\frac{3}{4}$  in.
- 486 Triangular broad base notched, and notched at the side, variegated agate.  $\frac{3}{4}$  in.
- 487 Long triangular, with narrow stem, light carnelian.  $1\frac{1}{8}$  in.
- 488 Long, pointed, deeply notched, with expanding stem, dark agate. 1 in.
- 489 Similar form, light carnelian.  $\frac{7}{8}$  in.
- 490 Triangular, notched and barbed, rock crystal.  $\frac{3}{4}$  inch.
- 491 Notched with hollow base, parti-colored.  $\frac{7}{8}$  in.
- 492 Long, narrow and narrow stem, yellowish carnelian.  $1\frac{1}{8}$  in.
- 493 Same form, feldspar, light material.  $1\frac{1}{8}$  in.
- 494 Slender, with hollow base, notched sides, agate. 1 in.
- 495 Triangular with broad barbs, agate.  $\frac{5}{8}$  in.
- 496 Long pointed, narrow above barbs, agate.  $1\frac{1}{8}$  in.
- 497 Pointed serrated with barbs, agate.  $\frac{3}{4}$  in.
- 498 Serrated with long stem, light carnelian. 1 in.
- 499 Broad triangular, barbed, carnelian.  $\frac{5}{8}$  in.
- 500 Triangular barbed, variegated agate.  $\frac{5}{8}$  in.
- 501 Triangular with broad barbs, rock crystal, with black marking.  $\frac{5}{8}$  in.
- 502 Triangular broad stem, chalcedony.  $\frac{3}{4}$  in.
- 503 Slim with keen point, chalcedony.  $\frac{7}{8}$  in.
- 504 Very slim with slightly contracted stem, serrated, carnelian. 1 in.
- 505 Barbed serrated, variegated carnelian.  $1\frac{1}{8}$  in.
- 506 Serrated and curved, long barbs, smoky quartz.  $1\frac{1}{4}$  in.
- 507 Triangular, broad, yellow carnelian.  $\frac{3}{4}$  in.
- 508 Triangular, broadly expanding barbs, smoky chalcedony.  $\frac{7}{8}$  in.
- 509 Shield-shape with barb, banded agate.  $\frac{7}{8}$  in.
- 510 Serrated with long stem, white feldspar. 1 in.
- 511 Triangular with broad barbs, clouded carnelian. 1 in.
- 512 Base and sides notched.  $\frac{7}{8}$  in.
- 513 Triangular long barbs, agate.  $\frac{3}{4}$  in.
- 514 Narrow, with long narrow stem, smoky carnelian. 1 in.
- 515 Slender with hollow base.  $\frac{7}{8}$  in.
- 516 Triangular, broader than long, light carnelian.  $\frac{1}{2}$  in.
- 517 Serrated, with broad stem, banded agate.  $\frac{3}{4}$  in.

The following are of the same beautiful material as the preceding, but for Oregon objects they are of extraordinary size; all very fine.

- 518 Spear head; elliptical, with hollowed base; brown agate.  $1\frac{7}{8} \times 1$ .
- 519 Leaf-shape spear head; agate.  $1\frac{3}{4} \times \frac{7}{8}$ .
- 520 Spear head, banded agate; the only object in this consignment not characterized by absolute perfection of workmanship; rotary, with broad base.  $1\frac{3}{4} \times \frac{3}{4}$ .
- 521 Spear head or scraper; triangular, with base rounded; agate.  $1\frac{5}{8} \times 1$ .
- 522 Arrow point; triangular, barbed, with broad base, thin and curved.  $1\frac{1}{2} \times 1\frac{1}{8}$ .
- 523 Arrow point; expanding base.  $1\frac{1}{2} \times \frac{7}{8}$ .
- 524 Arrow points; similar in form, but the barbs are as long as the stems; an unusual form.  $1\frac{1}{4} \times 1\frac{1}{8}$ .
- 525 Spear head; broad base, with projections above.  $1\frac{3}{4} \times 1\frac{1}{8}$ .

#### A PENNSYLVANIA COLLECTION.

- 526 Grooved axe; groove extends all round, round head narrowing towards the edge; perfect. Pennsylvania.  $5\frac{1}{4} \times 3$ .
- 527 Axe; broad groove near the head; fine. Ohio.  $4\frac{3}{4} \times 2\frac{1}{4}$ .
- 528 Axe; one side flat for the insertion of a wedge, broad groove near the top, head narrowed above the groove, sharp grain sand stone; very fine. Ohio.  $5\frac{1}{4} \times 3$ .
- 529 Axe; very broad groove extending over both flats, one side polished, nearly pointed at the edge; extra fine. Wisconsin.  $6 \times 3\frac{1}{2}$ .
- 530 Axe; ponderous material, resembles hematite; fine. Macon Co., N. C.  $4\frac{1}{2} \times 4$ .
- 531 Axe; one edge squared, broad groove, diorite; polished, fine. Franklin Co., Mo.  $3\frac{1}{2} \times 2\frac{5}{8}$ .
- 532 Axe; heavy dark rock, broad groove all round; fine. Ohio.  $6\frac{1}{2} \times 3\frac{1}{4}$ .
- 533 Axe; broad groove near the middle; very good. Milton Co., Ga.  $4\frac{1}{2} \times 3\frac{1}{2}$ .
- 534 Axe; broad groove near the centre, one side squared, the other grooved, top oblong; polished, fine, and a very rare form. Cooper Co., Mo.  $4\frac{1}{2} \times 3\frac{1}{4}$ .



- 535 Axe ; nearly oval, grooved all round ; good, of uncommon form. Ohio.  $5 \times 3\frac{1}{2}$ .
- 536 Axe ; broad groove, rounded head, dark granitic stone ; fine. Wisconsin.  $5\frac{1}{2} \times 3\frac{1}{2}$ .
- 537 Axe ; deeply grooved, groove oblique to the sides, and with ridge below ; very fine. Wisconsin.  $6\frac{1}{2} \times 3$ .
- 538 Axe ; oval in form ; good. Ohio.  $4 \times 2\frac{3}{4}$ .
- 539 Axe ; large, head sloping, narrows towards the edge ; fine, but shows marks of great antiquity. Pennsylvania. From the Pennypacker Collection.  $7\frac{3}{4} \times 4\frac{1}{4}$ .
- 540 Axe ; dark granitic stone, head oval, flat, a little defective, but fine both in form and workmanship, very ancient. Ohio.  $7\frac{1}{4} \times 4\frac{1}{4}$ .
- 541 Axe ; broad, deep groove, sides flat and straight, contracting towards the edge, shows marks of long use, still very fine, a rare form. Wisconsin.  $7 \times 4\frac{1}{2}$ .
- 542 Axe ; small groove, blade broken.  $4 \times 3\frac{1}{4}$ .
- 543 Axe ; large, flat, groove superficial, broad head, narrow edge, the form approaching a triangle, and remarkable for size and shape. Milwaukee, Wis.  $8 \times 5\frac{3}{4}$ .
- 544 Axe ; broad ridge below groove ; very ancient. Wisconsin.  $5\frac{1}{2} \times 5\frac{3}{4}$ .
- 545 Axe ; one flat, chipped. Ohio.  $5\frac{1}{2} \times 3\frac{1}{4}$ .
- 546 Axe ; oval ; fine. Ohio.  $5 \times 3\frac{1}{8}$ .
- 547 Axe ; grooved close to the top, one side concaved ; fine. Baltimore, Md.  $6\frac{1}{4} \times 3\frac{1}{2}$ .
- 548 Axe ; Ohio. Deep groove, polished, originally fine, but now damaged.  $6\frac{1}{2} \times 4$ .
- 549 Axe ; broad groove near the top, top elliptical, sides thin below the groove ; green stone, oval, very fine. Wisconsin.  $5 \times 3\frac{1}{2}$ .
- 550 Axe ; broad deep groove near the top, narrowing towards the edge ; very fine. Pewaukee, Wis.  $5 \times 3$ .
- 551 Axe ; narrow, with broad, polished groove ; fine, but with head broken. Centerton, Ind.  $5\frac{1}{2} \times 3$ .
- 552 Axe ; broad, shallow groove, of stone mottled with white ; *rare*. From North Carolina.  $5\frac{1}{4} \times 3$ .
- 553 Axe ; rude workmanship. Mass.  $4\frac{1}{4} \times 2\frac{1}{2}$ .
- 554 Axe of dark stone, covered with an accretion of sand, thus apparently changing the character of the material ; deep groove, irregular in form and very ancient ; much of the surface is natural formation ; a *rare* piece. Indiana.  $6\frac{1}{2} \times 3\frac{1}{4}$ .

- 555 Axe; light granitic stone, broad groove with ridge below; polished, fine, but top broken. Wisconsin.  $4\frac{1}{2} \times 2\frac{3}{4}$ .
- 556 Axe; stone largely composed of feldspar, grooved, polished. Ohio.  $4\frac{1}{8} \times 2\frac{1}{2}$ .
- 557 Axe; grooved, oval. Chester Co., Penn.  $4\frac{1}{4} \times 3$ .
- 558 Axe; grooved close to the top; oval, fine. Ohio.  $4\frac{1}{2} \times 2\frac{1}{2}$ .
- 559 Axe; grooved, nearly square; fine. Ohio.  $3\frac{1}{4} \times 2\frac{3}{4}$ .
- 560 Axe; grooved only at the sides, curved, thin; a *rare* form. Swaine Co., N. C.  $3\frac{1}{8} \times 2\frac{1}{4}$ .
- 561 Axe; broad, deep groove, top much contracted and nearly round; good, a *rare* form. Brookfield, Wis.  $5\frac{1}{2} \times 2\frac{1}{2}$ .
- 562 Axe; small and polished, nearly oval. Red jasper, Madison, Ind.  $3\frac{1}{2} \times 2\frac{1}{2}$ .
- 563 Axe; broad groove with ridge below. Indiana.  $4 \times 2\frac{1}{2}$ .
- 564 Axe, diagonal groove, one side grooved for wedge; very good. Wisconsin.  $3\frac{3}{4} \times 2\frac{1}{8}$ .
- 565 Axe; oval, with shallow groove and round top; perfect. Brookfield, Wis.  $4\frac{3}{4} \times 2\frac{1}{2}$ .
- 566 Axe; polished with newly pecked, groove at the top. Ohio.  $2\frac{1}{2} \times 2\frac{1}{4}$ .
- 567 Axe; basaltic rock, rude, nearly square, locality unknown.  $3\frac{3}{4} \times 3\frac{1}{4}$ .
- 568 Axe; rude axe of sandstone; oval, good. Chester Co., Penn.  $5\frac{1}{4} \times 2\frac{3}{4}$ .
- 569 Axe; shallow groove, top flat, oval, symmetrical; fine. Chillicothe, Ohio.  $4 \times 3$ .

Under the general name of celt I place all of those implements which, by different archaeologists are termed celts, ungrooved axes, tomahawks, wedges, skimmers, peelers, fleshers and chisels. The uses implied by these names, and the names themselves, are no doubt fanciful, and the various forms so gradually merge in each other, that it is quite impossible to be positive as to where one leaves off and the other begins.

- 570 Celt; oval, polished, fine. Cumberland Co., Ky.  $5 \times 3$ .
- 571 Celt; top and edge nearly square; fine. Martin Co., Ky.  $4\frac{1}{2} \times 2\frac{1}{2}$ .
- 572 Celt; edge broadly expanded, top nearly pointed. Clay County, N. C.  $5\frac{1}{4} \times 2\frac{1}{2}$ .
- 573 Celt; slate, nearly square, sides parallel, top broken. Oneida Co., N. Y.  $4\frac{1}{2} \times 2\frac{1}{2}$ .



- 574 Celt of black stone, veined with lighter color, top square; fine. Ohio.  $4 \times 2\frac{1}{4}$ .
- 575 Celt; light granite, specked with black, polished, top broken or would be very fine. Wisconsin.  $4 \times 2\frac{1}{2}$ .
- 576 Celt of dark-colored slate. Ireland. A *rare* form and location: a celt like this sells readily for 1 guinea in Ireland.  $5 \times 3$ .
- 577 Celt; large, oval, dark, mottled with white; fine, *rare* form and material. Pennypacker Collection, Penn.  $6\frac{1}{4} \times 4$ .
- 578 Celt; very thick, with round, pointed top; dark granite, fine. Ohio.  $3\frac{3}{4} \times 1\frac{1}{2}$ .
- 579 Celt; dark slate. Penn.  $4\frac{3}{4} \times 2\frac{1}{4}$ .
- 580 Celt; nearly square, edge slightly gouge form. Madison Co., N. Y.  $3\frac{1}{2} \times 2\frac{1}{4}$ .
- 581 Celt; surface mostly pecked, edge polished. Ohio.  $6 \times 2\frac{1}{2}$ .
- 582 Celt of large size and fine form, one flat is but slightly convex. West Virginia.  $7 \times 2\frac{1}{2}$ .
- 583 Celt; ancient and rude but of fine form. Penn.  $4\frac{1}{2} \times 2\frac{1}{2}$ .
- 584 Celt of dark stone, nearly black, one flat ridged. Ohio.  $4\frac{1}{2} \times 2\frac{1}{4}$ .
- 585 Celt; slate, fine form and work. North Carolina.  $5\frac{1}{4} \times 2\frac{1}{4}$ .
- 586 Celt; curves laterally, thickest at the top. Rhea Co., Tenn.  $6 \times 2\frac{1}{8}$ .
- 587 Celt; oval, top rounded, granite. Ohio. Very fine.  $4\frac{3}{4} \times 2\frac{1}{2}$ .
- 588 Celt; oblong. Kentucky.  $3\frac{1}{2} \times 2\frac{1}{4}$ .
- 589 Celt; one side and one flat but slightly convex; granite.  $4\frac{1}{4} \times 2\frac{1}{2}$ .
- 590 Celt; top nearly square, shows marks of use, sides parallel, the edge expanding; very fine, of large size and a *rare* form. Franklin Co., Mo.  $6 \times 3$ .
- 590a Celt; oval or nearly round, head contracted, edge slightly expanded. Ohio.  $7 \times 2\frac{1}{4}$ .
- 591 Celt. in form but not in workmanship resembling Carib work; fine and rare. North Carolina.  $7\frac{1}{2} \times 2\frac{1}{2}$ .
- 592 Celt, of large size and extra quality, polished, top chipped: very fine.  $6\frac{1}{2} \times 3$ .
- 593 Celt; light granite, head rounded, sides nearly parallel; very fine. Clement Co., Ill.  $5\frac{1}{4} \times 2\frac{1}{2}$ .

- 594 Celt; oval, rounded top; fine. Adams Co., Ohio.  $4\frac{1}{2} \times 2\frac{1}{4}$ .
- 595 Celt; green stone, mottled. Ohio.  $4 \times 2\frac{1}{4}$ .
- 596 Celt; edge slightly concave, top nearly pointed, granite. Wisconsin.  $4\frac{1}{4} \times 2\frac{1}{4}$ .
- 597 Celt; red stone, triangular, a little curved, edge concave; fine  $4\frac{1}{8} \times 2\frac{1}{8}$ .
- 598 Celt; oval, polished. Bledsoe Co., Tenn.  $4\frac{3}{4} \times 2\frac{1}{2}$ .
- 599 Celt; oval; very good.  $4\frac{1}{4} \times 2\frac{1}{4}$ .
- 600 Short Celt; edge polished, surface pecked. Miss.  $4 \times 2\frac{1}{4}$ .
- 601 Small Celt; good.  $3\frac{3}{4} \times 2$ .
- 602 Celt; slate; rude. Penn.  $3\frac{1}{2} \times 1\frac{3}{4}$ .
- 603 Celt; nearly round. Montgomery Co., Pa.  $5\frac{3}{4} \times 2\frac{1}{2}$ .
- 604 Celt; dark granite, sides nearly parallel; very fine. Fort Washington, Wis.  $7 \times 2\frac{3}{4}$ .
- 605 Celt; mottled granite, pointed top; perfect. Penny-packer collection. Pa.  $6\frac{3}{4} \times 2\frac{1}{2}$ .
- 606 Celt; edge oblique to the sides. Wis.  $5 \times 2\frac{1}{4}$ .
- 607 Celt; nearly oval, top and edge rounded. Waukesha Co., Wis.  $4\frac{1}{2} \times 1\frac{1}{2}$ .
- 608 Celt; thick, round, with rounded top, granite; very fine.  $5\frac{1}{2} \times 2\frac{1}{2}$ .
- 609 Celt; small and of irregular form. Etna, Pa.  $3\frac{1}{2} \times 2$ .
- 610 Celt; oval. Gallia Co., O.  $4 \times 2\frac{1}{4}$ .
- 611 Celt; one side flat, and edge doubly beveled; fine. O.  $3\frac{1}{2} \times 2$ .
- 612 Celt; oval. Jackson Co., W. Va.  $4 \times 2\frac{1}{4}$ .
- 613 Celt; top thin and narrow, edge expanded; fine. O.  $3\frac{3}{4} \times 2$ .
- 614 Celt; one side polished, the rest pecked; fine. O.  $4 \times 2$ .
- 615 Celt; irregular, pointed top. W. Va.  $3 \times 1\frac{3}{4}$ .
- 616 Celt; with edge extending up the sides, top rounded; fine. Milford, Mich.  $5\frac{3}{4} \times 2\frac{1}{2}$ .
- 617 Celt; round, thick. W. Va. Fine.  $4\frac{1}{2} \times 2$ .
- 618 Celt; rude workmanship, but good. Tenn.  $5 \times 2\frac{1}{4}$ .
- 619 Celt; irregular in form, polished.  $3\frac{1}{2} \times 1\frac{3}{4}$ .
- 620 Celt; oblong.  $3\frac{1}{2} \times 2\frac{1}{4}$ .
- 621 Celt; plano-convex, partly polished; very fine. West Virginia.  $5\frac{1}{2} \times 2$ .

- 622 Celt; fine, mica slate. Swaine Co., N. C.  $5\frac{1}{2} \times 2\frac{1}{2}$ .
- 623 Celt; rude and triangular. Penn.  $3 \times 2$ .
- 624 Celt or knife, sides parallel, with rounded cutting edge  $4 \times 1\frac{1}{4}$ .
- 625 Celt; of red slate, thin, and top nearly pointed; fine  $4\frac{1}{4} \times 1\frac{1}{2}$ .
- 626 Celt; small size. East Tenn.  $4\frac{3}{4} \times 1\frac{1}{2}$ .
- 627 Celt; edge broad, middle expanding, top nearly round; fine. Penn.  $6\frac{3}{4} \times 3$ .
- 628 Celt; or properly an adze, grooved for a handle. Unknown locality.  $3\frac{3}{4} \times 1\frac{1}{2}$ .
- 629 Celt; thin and narrow, broadly expanding at the edge; fine, and a very rare form. Asbury, Wis.  $3\frac{1}{2} \times 2\frac{1}{8}$ .
- 630 Celt; or perhaps a nondescript object of dark chocolate stone, nearly square, the flats expanding and the sides contracting towards the edge; fine and very rare. Unknown locality.  $9 \times 2\frac{1}{4}$ .
- 631 Celt; beautiful and highly finished; in shape like an egg; flattened and elongated; of Carib work. Eastern North Carolina.  $3\frac{1}{2} \times 2$ .
- 632 Celt; red slate. Madison Co., N. Y.  $2\frac{3}{4} \times 1\frac{1}{2}$ .
- 633 Celt; dark mottled stone. Ohio.  $5 \times 2\frac{1}{4}$ .
- 634 Celt; ancient and disintegrated, but has been re-finished and polished; fine. Penn.  $5\frac{1}{2} \times 2\frac{1}{4}$ .
- 635 Celt; dark granite; fine. Ohio.  $6\frac{1}{2} \times 2\frac{1}{2}$ .
- 636 Celt, of irregular form.  $5 \times 2$
- 637 Celt; sides thin and nearly parallel. Ohio.  $4 \times 2$ .
- 638 Celt; heavy blue stone, nearly round; very fine. Penn.  $7 \times 2\frac{1}{2}$ .
- 639 Celt; slate; fine.  $6 \times 2\frac{1}{2}$ .
- 640 Celt; oval; very fine.  $4 \times 2$ .
- 641 Celt; edge diagonal.  $4\frac{1}{4} \times 2\frac{1}{4}$ .
- 642 Celt; green stone, one flat but little convex.  $6\frac{1}{2} \times 2\frac{1}{2}$ .
- 643 Celt; small, edge slightly concave.  $4 \times 2$ .
- 644 Celt; triangular, with round head; fine. Wisconsin.  $2\frac{5}{8} \times 2$ .
- 645 Celt: granite sides, square, flats a little convex, top oblong, edge slightly curved. England. One of the finest Celts ever imported. Cost £2, 2s abroad.  $10\frac{1}{2} \times 3\frac{1}{4}$ .
- 646 Celt; good. Ohio.  $4\frac{1}{4} \times 2$ .
- 647 Celt; oblong, of handsome material, polished. Western N. C.  $2\frac{1}{2} \times 1\frac{1}{2}$ .

- 648 Celt; rounded top. West Virginia.  $3\frac{1}{2} \times 1\frac{3}{4}$ .  
 649 Celt. Ohio.  $4\frac{1}{4} \times 1\frac{5}{8}$ .  
 650 Celt. Penn.  $3\frac{3}{4} \times 1\frac{3}{4}$ .  
 651 Celt; pretty material. Penn.  $3\frac{1}{2} \times 2$ .

The 5 pieces next following are, from their peculiar form, called gouges, one flat being square and the other convex; when driven into wood or any other softer substance, the cut is concave, though the edge is little curved; they are sometimes called peelers.

- 652 Celt, of dark mottled granite, one flat nearly square; very fine and large. Wisconsin.  $8\frac{1}{2} \times 3$ .  
 653 Celt; in form like the last, but the square flat curves outward from the top to the edge; light mottled granite.  $6\frac{3}{4} \times 3\frac{1}{4}$ .  
 654 Celt; of the same form, of handsome material, dark purple stone, polished. Ohio.  $4 \times 2$ .  
 655 Celt; same form; fine.  $4\frac{1}{4} \times 2$ .  
 656 Celt; like the preceding. Ohio. Very fine.  $4\frac{3}{4} \times 2\frac{1}{8}$ .  
 657 Celt; resembles the West India Celts, rounded, flattened edge, extending up the sides, swelling in the centre, top nearly pointed; extremely fine and rare. Milton Co., Ga.  $8\frac{1}{2} \times 2\frac{1}{2}$ .  
 658 Celt; perforated, piece broken off above the perforation, otherwise fine. From Scandinavia: a very rare object.  $4\frac{3}{4} \times 2\frac{1}{2}$ .  
 659 Celt; highly polished, reddish silicious stone; extremely fine. West Indies.  $2\frac{1}{2} \times 1\frac{3}{4}$ .  
 660 Turtle-back, Chert. Newark, Ohio; fine.  $3 \times 2\frac{1}{2}$ .

#### PERFORATED OBJECTS.

- 661 Pendant; metamorphic slate, one perforation. Western Ohio; fine.  $4\frac{1}{4} \times 2$ .  
 662 Pendant; striped slate, cut directly across the grain, oblong.  $3\frac{1}{2} \times 2$ .  
 663 Gorget; ends and sides contracting, oblong with rounded corners: very fine.  $4 \times 3$ .  
 664 Pendant; metamorphic slate; very fine. Ohio.  $3\frac{1}{4} \times 1\frac{3}{4}$ .  
 665 Pendant; red slate, elliptical, with ends square; very fine. Ohio.  $3\frac{1}{2} \times 1\frac{1}{2}$ .  
 666 Gorget; oblong, sides curving outwards, ends curving inward, striped slate; very fine. Ohio.  $4\frac{1}{2} \times 3\frac{3}{4}$ .



- 667 Pendant; celt shape, somewhat irregular in form; this most curious piece, has inserted in the perforation a ring of stone of exceeding hardness, the ring is firmly fixed and the work cannot be surpassed by the most skilled lapidary; unique and remarkable. Tenn.  $4 \times 1\frac{3}{4}$ .
- 668 Pendant; striped slate; fine. Ohio.  $2\frac{3}{4} \times 1\frac{1}{2}$ .
- 669 Gorget; oblong with rounded ends; fine. Ohio.  $4 \times 1\frac{1}{2}$ .
- 670 Pendant; slate, oval, ends square; very fine. Ohio.  $3\frac{1}{2} \times 1\frac{3}{4}$ .
- 671 Pendant; ribbon slate, expanding at the broader end; fine. Ohio.  $5 \times 1\frac{3}{4}$ .
- 672 Gorget or Pendant with 3 perforations, top square, bottom triangular, metamorphic slate; very fine, and a very rare form. Ohio.  $4\frac{1}{2} \times 2\frac{1}{2}$ .
- 673 Pendant; black slate, slightly curved.  $4\frac{1}{2} \times 2$ .
- 674 Pendant; spear-shape, perforated in the centre, of undescribed form; perfect. Ohio.  $5\frac{3}{8} \times 2\frac{1}{8}$ .
- 675 Pendant; oval, ends, square. Ohio; fine.  $4\frac{1}{2} \times 2$ .
- 676 Gorget; long, oval, slightly twisted. Ohio.  $5\frac{1}{2} \times 2$ .
- 677 Pendant, or ornament, shaped like the bit of a hatchet, or broad axe, 5 tally marks at one end; a fine and very remarkable object. Mitchel Co., N. C.  $3\frac{3}{4} \times 2$ .
- 678 Gorget; oblong, with rounded ends, black slate; fine. Michigan.  $4\frac{1}{2} \times 2\frac{1}{2}$ .
- 679 Pendant; without perforation, slate; fine. Ohio.  $5\frac{1}{2} \times 1\frac{3}{4}$ .
- 680 Large unperforated pendant, squared at one end, metamorphic slate; fine. Ohio.  $8\frac{1}{2} \times 2\frac{7}{8}$ .
- 681 Ornament without perforation, broad at the middle, narrow at the ends.  $3\frac{1}{4} \times 1\frac{1}{2}$ .
- 682 Ornament, in form resembles the last; fine purple slate; fine. Ohio.  $4\frac{3}{4} \times 2$ .
- 683 Ornament; oblong, one edge sharp, slate. Ohio.  $4\frac{7}{8} \times 1\frac{3}{4}$ .

### DISCOIDAL STONES, &c.

The true discoidal or chungkee stone is characterized by two saucer-like depressions, one in each face of the stone; the following, though differing in form, it is presumed were used in playing the same game, and are as fine and rare as the double concave objects.

- 684 Discoidal stone; bung-shape, in form closely resembling the inside of a tea cup, top flat or slightly convex; fine quartzite. Jackson Co., N. C. Dia.  $3\frac{1}{4}$ , thickness 2.

- 685 Discoidal; double convex, sand stone. Ohio. Slightly irregular and chipped.  $3 \times 1\frac{1}{2}$ .
- 686 Discoidal; a little oval, top slightly concave. Swaine Co., N. C.  $3\frac{1}{2} \times 2$ .
- 687 Discoidal; white quartzite, double convex, surface slightly chipped; a fine and handsome object. North Carolina.  $3 \times 1\frac{1}{2}$ .
- 688 Discoidal; black stone, bung-shape, double convex; very fine. North Carolina.  $2\frac{3}{4} \times 1\frac{1}{2}$ .
- 689 Discoidal; bung-shape, double convex, handsome clouded quartzite, finely wrought, top a little chipped. North Carolina.  $3 \times 1\frac{1}{2}$ .
- 690 Discoidal; double convex, dark stone. Tenn. River, N. C.  $2 \times 1\frac{3}{4}$ .
- 691 Discoidal; saucer-shaped, granite, of large size. North Carolina.  $4 \times 1\frac{1}{2}$ .
- 692 Discoidal; quartzite, in shape a flattened ball; fine. Habersham Co., Ga.  $3 \times 2$ .
- 693 Discoidal; broad cup-shape of mottled stone; finely wrought. Western N. C.  $3\frac{3}{4} \times 1\frac{1}{2}$ .
- 694 Thin double convex discoidal; fine. Clay Co., N. C.  $3\frac{1}{2} \times 1$ .
- 695 Discoidal; cup-shape, light granite, depression on the smaller face. Mississippi.  $3\frac{1}{2} \times 2\frac{1}{2}$ .
- 696 Discoidal, or hammer stone, cavities for thumb and finger in opposite faces. Lehigh Valley, Penn.  $5 \times 1\frac{1}{2}$ .
- 697 Hammer stone, with opposite depressions; shows marks of use.  $3\frac{1}{2} \times 2$ .
- 698 Hammer stone; an irregular ball with thumb and finger pits.  $2\frac{1}{2} \times 2$ .
- 699 Stone wheel; probably a natural formation, but very fine. Clay Co., N. C.  $3 \times 1\frac{1}{2}$ .
- 700 Stone ball. Tenn.; fine. Dia. 2.
- 701 Stone wheel, or hammer stone; natural formation with wrought finger pit. Clay Co., N. C.  $3\frac{1}{2} \times 1\frac{1}{2}$ .
- 702 Double mortar oval of large size, resembles a double discoidal. Cleveland Co., N. C.  $6\frac{3}{4} \times 2\frac{1}{2}$ .
- 703 A ball of yellow quartzite; on one side an active imagination may detect a face partly wrought and partly natural. N. C. Dia.  $3\frac{1}{2}$ .
- 704 Ball of quartzite; very fine; probably natural formation. N. C.  $3\frac{1}{2}$ .

- 705 Ball or hammer stone. Clark Co., Mo. Dia.  $3\frac{1}{2}$ .
- 706 Ball, wrought stone. Dia. 2.
- 707 Ball, wrought; fine. Dia.  $1\frac{3}{4}$ .
- 708 Spindle stone, or nut cracker; two well defined hemispherical depressions. Ohio.  $7 \times 6 \times 2\frac{1}{2}$ .
- 709 Spindle stone; one depression, the original stone a fossil, resembling a section of the body of an immense snake. Ky.  $5 \times 4$ .
- 710 Hammer stone; green stone. Penn. Dia. 3 inches.
- 711 Grooved Hammer. Chester Co., Penn.  $3\frac{1}{4}$ .
- 712 Grooved Hammer of dark granite; very fine. N. Y.  $3\frac{1}{2} \times 2\frac{1}{2}$ .
- 713 Small grooved hammer or sinker. N. J.; fine.  $1\frac{3}{4}$ .
- 714 Stone, in form semi-cylindrical, square at the ends, wrought all over. North Carolina.  $3\frac{3}{4} \times 2\frac{1}{2}$ .
- 715 Rubbing stone, resembling the last, the lower surface and the ends convex and polished. Stuart Co., Ohio; fine.  $3\frac{3}{8} \times 4\frac{5}{8}$ .
- 716 Round Pestle, symmetrical. Essex Co., Mass.  $11 \times 2\frac{1}{2}$ .
- 717 Round Pestle, as fine as the last. Newburyport, Mass.  $10 \times 2$ .
- 718 Long Pestle, with corners rounded, square and expanding toward one end. Madison Co., N. Y.; rare, both for form and locality; a pestle of this length outside of New England is seldom found.  $15 \times 2\frac{1}{4}$ .
- 719 Long Pestle, Lakin collection. N. H.; fine.  $11\frac{1}{2} \times 2$ .
- 720 Long Pestle, slightly curved, expanding towards the base. N. H.  $11 \times 2$ .
- 721 Long Pestle, sides nearly square. N. J.  $10 \times 1\frac{1}{2}$ .
- 722 Round Pestle. Freehold, N. J.  $7\frac{1}{2} \times 2\frac{1}{2}$ .
- 723 Long Pestle; this is a short, well-formed mortar pestle, granite; fine and rare. N. H.  $7\frac{1}{2} \times 2\frac{1}{2}$ .
- 724 Broad base pestle or nut cracker, long handle, considerably worn. N. C.  $6\frac{1}{2} \times 3$ .
- 725 Similar pestle, face oblique to the handle, worn but still shows the central depression; height  $5\frac{1}{2}$ , dia.  $4\frac{1}{2}$ .
- 726 Another, much worn. Portsmouth, Ohio.  $4 \times 3$ .
- 727 Pestle, handle nearly pointed, base broad.  $5\frac{1}{2} \times 3\frac{1}{4}$ .
- 728 Pestle; has been reconstructed with much labor; very fine. Ohio.  $4\frac{3}{4} \times 3$ .



## TUBES AND PERFORATED OBJECTS.

- 729 Long pestle shape, ends squared, perforation  $\frac{3}{4}$  inch deep, surface pecked. N. C.; fine.  $9 \times 2\frac{1}{2}$ .
- 730 Tube of yellow sandstone. Ohio; fine.  $5 \times 2$ ; perforation  $\frac{1}{4}$  in. in diameter, enlarged at the ends.
- 731 Oval tube, metamorphic slate, end broken.  $2 \times 1\frac{3}{4}$ .
- 732 Tube; metamorphic stone, broken at the ends. Ohio; length 4 inches.
- 733 Tube; metamorphic slate. Ohio; split at one end, but on part missing; length 4 inches.
- 734 Tube; striped slate. Ohio.  $3\frac{1}{2}$  inches.
- 735 Tube; metamorphic slate, perforation commenced; length 4 inches.
- 736 Tube, or perhaps an unfinished pipe, black slate. Ohio.  $2\frac{1}{4} \times 1\frac{1}{2}$ .
- 737 Square tube, minute perforation; perhaps a pipe stem. Martin Co., Ky.; fine.  $2\frac{1}{2}$  inches.
- 738 Rude irregular tube, with large perforation. Scandinavia; a rare European object.  $3\frac{3}{4} \times 2\frac{1}{2}$ .
- 739 Oval net sinker, large perforation near one end.  $4\frac{1}{2} \times 3\frac{1}{2}$ .
- 740 Oval; one end sharpened like a celt, perforation near the opposite end; probably a celt perforated for suspension. Penn.  $3\frac{1}{4} \times 2\frac{1}{4}$ .
- 741 Banner stone; perforation commenced. Ohio.  $2\frac{1}{2} \times 1\frac{1}{2}$ .
- 742 Stone implement of unknown use, in form approaching ovoid, reddish stone, polished; very fine; perforation commenced at one end. Ohio.  $2\frac{3}{4} \times 1\frac{3}{4}$ .
- 743 Banner stone; wings of equal size, coarse granite, perforation commenced. Forsyth Co., Ga.; cost \$7.00.  $3\frac{5}{8} \times 2\frac{1}{2}$ .
- 744 Banner stone; slate; no perforation, wing broken.  $5 \times 3$ .
- 745 Bar-amulet; oblique perforation near each end, one end broken; a rare object.  $3\frac{3}{4} \times 4\frac{1}{4}$ .

## UNKNOWN OR UNDESCRIBED OBJECTS.

- 746 Heart-shape stone. Ohio. Prof. Rau says these stones were held as emblems of courage and other manly qualities; perfect.  $4\frac{3}{4} \times 4\frac{1}{4}$ .
- 747 Heart stone; lower end nearly pointed.  $5\frac{1}{4} \times 4\frac{3}{4}$ .



- 748 Pestle-like object, curved and flattened; brown stone. Miss.  $8\frac{1}{2} \times 1\frac{3}{4}$ .
- 749 Sinkers of limonite, laminated, natural formation. Penn.  $3\frac{1}{8} \times 1\frac{1}{2}$ .
- 750 Pigment muller, or perhaps a pendant; round, tapering towards the top; fine.  $3\frac{1}{4} \times 1$ .
- 751 Pendant, or plumb bob; in form a double cone, base to base with knob; fine. Saugus River, Mass.  $2\frac{3}{4} \times 1\frac{1}{4}$ .
- 752 Target stone; pointed egg shape, from an Indian grave. N. C.  $2\frac{1}{2} \times 1\frac{1}{2}$ .
- 753 Tablet; elliptical, with ends squared, dark slate; fine. Ohio.  $3\frac{3}{4} \times 1\frac{5}{8}$ .
- 754 Nearly square polished stone, concavo-convex, of unknown use, highly finished and polished. Spang collection.  $2\frac{1}{4} \times 2\frac{1}{8}$ .
- 755 An object similar to the last; fine grain sandstone. Spang collection.  $2\frac{3}{8} \times 2\frac{3}{8}$ .
- 756 Shuttle-shape object. Abbeville, S. C.  $3\frac{1}{8} \times 1$ .
- 757 A celt-like object, grooved for handling, like an adze, undescribed form; fine. Ohio.  $2\frac{3}{4} \times 1\frac{1}{8}$ .
- 758 Unknown object, base broad, opposite end nearly pointed, contracted in the middle, striped slate. Penn.  $4\frac{2}{3} \times 2$ .
- 759 Plumb bob, natural formation, partly wrought; resembles hematite. Eastern Ky.  $3\frac{1}{2} \times 1\frac{3}{4}$ .
- 760 Plumb bob, large knob at one end. Essex Co., Mass.  $3\frac{3}{4} \times 1\frac{3}{4}$ .
- 761 Stone; oval, one end squared and in the base an oval depression; unknown use and undescribed form; rare. N. C.  $3\frac{3}{4} \times 3\frac{1}{4}$ .
762. Undescribed, curiously wrought, in form representing a bird's head and neck; its peculiar form may indicate some phallic significance. Madison Co., N. Y.  $3\frac{1}{2} \times 1\frac{3}{4}$ .
- 763 Unknown, form like the section of a horse collar, close grained sandstone.  $5\frac{1}{4} \times 2$ .
- 764 Muller or minute long pestle.  $3\frac{1}{4} \times \frac{5}{8}$ .
- 765 Shuttle-shaped object, flat surface, grooved; very fine; resembles 756.  $3 \times 1$ .
- 766 Rubbing stone. Scandinavia; has been much in use; fine.  $4\frac{1}{2} \times 1\frac{3}{4}$ .
- 767 Harpoon-shape. Lawrence Co., Penn.  $4 \times 1\frac{1}{2}$ .
- 768 Resembles hematite, and in form something like 762.  $3\frac{1}{4} \times 1\frac{1}{4}$ .

- 769 Shallow mortar or pigment grinder, mica slate. Swaine Co., N. C.; fine and rare.  $4\frac{1}{2} \times 3\frac{1}{2}$ .
- 770 Soapstone plate, oval. Rhode Island.  $6\frac{1}{2} \times 5$ .
- 771 Little shallow mortar, bottom flat, top with small depression, finely wrought; rare. Susquehanna Valley, Penn.  $2\frac{1}{2} \times 1\frac{1}{8}$ .
- 772 Pigment grinder, stone nearly cubical in form, shallow depression on each of the six faces; fine white quartz; one of the finest and rarest of the sale.  $2\frac{3}{4} \times 2\frac{3}{4} \times 1\frac{3}{4}$ .
- 773 Agatized or fossil wood, fine sample, showing original appearance of the bark; rare. Missouri.  $10\frac{3}{4} \times 2\frac{3}{4}$ .

## SPEAR HEADS.

The following spear heads, the choicest specimens from many thousands, were selected with a design of fully illustrating this style of weapon, by showing not only the various materials from which they are made, the location whence they are derived, but the leading forms and modifications of form in which they occur. It is believed that the collection leaves few materials or forms unrepresented. Space permits only the briefest description. Whenever the locality is unmentioned, it must be understood that the specimen is from Ohio, and it will of course be understood that each object is a spear head.

- 774 Yellow jasper, elliptical, base irregular; fine.  $4\frac{1}{8} \times 1\frac{1}{8}$ .
- 775 Long, with rounded base; black stone, resembles obsidian, with white vein crossing the base.  $6 \times 1\frac{5}{8}$ .
- 776 Large, slightly curved, with ragged edges, base rounded. Oneida Co., N. Y.  $6\frac{3}{4} \times 2$ .
- 777 Triangular pointed, with stem, yellow jasper; very fine. East Tenn.  $4 \times 1\frac{1}{2}$ .
- 778 Semi-elliptical, square base. Middle Tenn.  $4\frac{3}{4} \times 1\frac{1}{2}$ .
- 779 Elliptical, with narrow base. Smauck col.  $4\frac{1}{4} \times 1\frac{1}{4}$ .
- 780 Semi-elliptical, base narrow, rounding. Tenn.  $3\frac{7}{8} \times 1\frac{3}{4}$ .
- 781 Rude finish, perhaps a knife. Cooper Co., Mo.  $4\frac{1}{2} \times 1\frac{3}{4}$ .
- 782 Long triangular, barbed, with shank broken, edge corrugated, by the process usually called carving. Rhea Co. Tenn.  $5 \times 1\frac{3}{4}$ .
- 783 Shield-shape, notched, with thin stem; very fine.  $3 \times 1\frac{3}{4}$ .
- 784 Rotary elliptical. Cooper Co., Mo.  $3\frac{1}{4} \times 1\frac{3}{8}$ .
- 785 Long pointed, broadly expanding towards the base, base rounding, somewhat drill shape; fine and a rare form.  $4\frac{1}{2} \times 1\frac{1}{8}$ .

- 786 Semi-elliptical, slate. N. J.  $4\frac{1}{2} \times 1\frac{5}{8}$ .
- 787 Elliptical, base square; fine. Cooper Co., Mo.  $5\frac{1}{2} \times 1\frac{1}{2}$ .
- 788 Rock crystal, broad base, irregular. N. C.  $2\frac{1}{8} \times 1$ .
- 789 Stemmed, with rounded point; fine, rare form.  $3\frac{3}{4} \times 1\frac{1}{2}$ .
- 790 Long pointed, beveled, notched and with expanded base; very fine.  $4\frac{3}{4} \times 1\frac{1}{4}$ .
- 791 Triangular, with broad base deeply notched.  $3\frac{1}{8} \times 1\frac{1}{8}$ .
- 792 Variegated stone, broad base with broad notches.  $3\frac{5}{8} \times 1\frac{1}{8}$ .
- 793 Semi-elliptical, thin, square base, black stone.  $3\frac{1}{2} \times 1$ .
- 794 Long pointed, sides slightly notched near base. Mo.  $5\frac{1}{4} \times 1\frac{1}{4}$ .
- 795 Shield shape, notched with stem, variegated stone; fine.  $3 \times 1\frac{1}{2}$ .
- 796 Curved, with barb and short stem, smoky chalcedony; fine and rare.  $4\frac{1}{8} \times 2$ .
- 797 Semi-elliptical, notched near the base, broad rounded stem; very fine.  $4\frac{1}{2} \times 1\frac{1}{2}$ .
- 798 Leaf shape, with rounded base, very thin and of superior workmanship.  $3\frac{1}{4} \times 2$ .
- 799 Long, shield shape, with broad stem.  $3\frac{3}{4} \times 1\frac{3}{4}$ .
- 800 Leaf shape, curved; a rare form.  $3\frac{3}{4} \times 2$ .
- 801 Thick, barbed and beveled; rare form; one barb broken.  $3 \times 1\frac{1}{2}$ .
- 802 Thick and narrow, of white quartz; 3 inches. 2 pcs.
- 803 Elliptical, square base, thin; fine.  $4\frac{3}{4} \times 1\frac{3}{4}$ .
- 804 Semi-elliptical, rotary, with broad base.  $3\frac{1}{2} \times 1\frac{5}{8}$ .
- 805 In form a broad dagger, with short handle, perfect; unique form.  $3\frac{3}{4} \times 2$ .
- 806 Unsymmetrical, with thin, sharp base.  $3\frac{3}{4} \times 1\frac{1}{2}$ .
- 807 Shield shape, notched, with broad base.  $3\frac{1}{2} \times 1\frac{1}{2}$ .
- 808 Elliptical, base truncated.  $3\frac{1}{2} \times 1\frac{1}{2}$ .
- 809 Long and narrow, square base, brown jasper. Ky.; very fine.  $5 \times 1\frac{1}{4}$ .
- 810 Broad base, barbed, with broad stem; fine. Mo.  $4\frac{1}{4} \times 1\frac{3}{4}$ .
- 811 Broad hollow base, large notches above, edges corrugated or carved; fine.  $6\frac{1}{4} \times 1\frac{1}{4}$ .
- 812 Semi-elliptical, rounded and rounded point. N. J.  $5 \times 1\frac{3}{4}$ .
- 813 Semi-elliptical, deeply notched, with broad, smooth edge; base  $3\frac{3}{4} \times 1\frac{3}{4}$ .
- 814 Elongated, with rounded base.  $4\frac{1}{2} \times 1\frac{1}{2}$ .



- 815 Triangular, with base rounded.  $3\frac{1}{4} \times 1\frac{1}{2}$ .
- 816 Shield shape, broad in the middle, large barbs and stem ; very fine.  $2\frac{3}{4} \times 1\frac{7}{8}$ .
- 817 Triangular, with broad, thin base ; fine.  $3 \times 2$ .
- 818 Notched and serrated, with broad, hollow base.  $3\frac{1}{2} \times 1\frac{1}{4}$ .
- 819 Narrow, with rounded base ; fine.  $3\frac{1}{2} \times 1\frac{1}{4}$ .
- 820 Elliptical, both ends pointed ; fine, rare form.  $5\frac{1}{2} \times 1\frac{5}{8}$ .
- 821 Semi-elliptical, thin, square base. Cooper Co., Mo.  $4 \times 1\frac{3}{4}$ .
- 822 Shield shape, deeply notched, with broad, thin base ; fine.  $3\frac{1}{4} \times 2\frac{1}{8}$ .
- 823 Semi-elliptical, thin, rounded base ; fine.  $3 \times 1\frac{1}{4}$ .
- 824 Thick, swelling in the middle, expanding at the base, rotary ; rare.  $4\frac{1}{4} \times 1\frac{1}{2}$ .
- 825 Semi-elliptical, base nearly square, black, like obsidian.  $3\frac{3}{4} \times 2$ .
- 826 Semi-elliptical, square base, chipped near the point, blue chert.  $4\frac{3}{4} \times 2\frac{1}{4}$ .
- 827 Broad, notched, carved edges and broad stem.  $4 \times 2$ .
- 828 Quadrangular drill ; very fine, indeed ; a very rare object.  $3\frac{1}{8}$ .
- 829 Semi-elliptical, with broad, square base ; very fine.  $3\frac{1}{2} \times 1\frac{1}{8}$ .
- 830 Shield shape, nearly triangular, broad base.  $2\frac{3}{4} \times 1\frac{1}{2}$ .
- 831 Long, expanding at the barbs, mottled chert.  $4\frac{1}{4} \times 1\frac{3}{4}$ .
- 832 Leaf shape, expanded, rounded base ; fine.  $4\frac{1}{4} \times 2$ .
- 833 Slender, pointed, nearly drill shape, broad base ; very fine.  $4 \times 1\frac{3}{4}$ .
- 834 Drill shape, broad, square base ; fine and rare.  $2\frac{1}{2} \times 1\frac{5}{8}$ .
- 835 Serrated, barbed, with broad base.  $2\frac{1}{2} \times 1$ .
- 836 Serrated, beveled, broad barbs and stem ; fine.  $2\frac{1}{2} \times 1\frac{1}{2}$ .
- 837 Triangular, deeply notched, blunt barbs ; very fine.  $2\frac{1}{2} \times 1\frac{3}{4}$ .
- 838 Serrated, with broad, square base ; very fine.  $2\frac{1}{8} \times 1$ .
- 839 Shield shape, notched, broad, with pointed base ; rare form ; fine.  $2\frac{1}{4} \times 1\frac{1}{4}$ .
- 840 Barbed, with broad stem.  $2\frac{3}{4} \times 1\frac{1}{2}$ . •
- 841 Unsymmetrical, serrated, with expanding barbs ; rare form ; fine.  $3\frac{1}{2} \times 1\frac{3}{8}$ .
- 842 Triangular, with large barbs.  $2\frac{1}{2} \times 1\frac{3}{4}$ .
- 843 Curved and rotary ; fine.  $2\frac{1}{4} \times 1$ .
- 844 Narrow, with expanding base ; fine.  $2\frac{1}{2} \times \frac{3}{4}$ .



- 845 Triangular, with large base and barbs.  $2 \times 2$ .
- 846 Leaf shape, barbed, with square base.  $3\frac{3}{4} \times 2$ .
- 847 Leaf shape, perhaps a knife; fine.  $2\frac{3}{4} \times 2$ .
- 848 Semi-elliptical, curved, with rounded base; fine.  $5 \times 1\frac{5}{8}$ .
- 849 Shield shape, one barb broken.  $3\frac{1}{2} \times 2$ .
- 850 Long pointed, narrow, with rounded base; fine and rare.  
 $4\frac{1}{4} \times 1\frac{1}{8}$ .
- 851 Triangular, beveled and curved; uncommon form; fine.  
 $2\frac{1}{2} \times 1\frac{3}{4}$ .
- 852 Thin, narrow, with broad, thin base, barbed; fine.  $2\frac{3}{4} \times 1\frac{1}{4}$ .
- 853 Elliptical, with narrow base; fine.  $4\frac{1}{4} \times 1\frac{1}{4}$ .
- 854 Long pointed semi-elliptical, brown jasper. Penn.;  
fine.  $5 \times 1\frac{1}{2}$ .
- 855 Elliptical, pointed at both ends; very fine.  $4 \times 1$ .
- 856 Semi-elliptical, sharp, broad base; fine.  $3 \times 1$ .
- 857 Long pointed, with long rounded base; fine. Mo.  $4 \times 1\frac{1}{4}$ .
- 858 Nearly ovate, point broad and round, broad base. Tenn.  
 $4 \times 2$ .
- 859 Dark chert, curved and twisted; fine.  $3\frac{1}{2} \times 1\frac{1}{2}$ .
- 860 Leaf shape, elongated and pointed; fine. Vincennes,  
Ind.  $4\frac{3}{4} \times 2$ .
- 861 Long, with edge corrugated. Ill.  $5 \times 4\frac{1}{2}$ .
- 862 Curved and rotary, broad, square base. Mich.  $4\frac{1}{8} \times 2\frac{1}{8}$ .
- 863 Narrow, notched near base. Tenn.  $3\frac{1}{2} \times \frac{3}{4}$ .
- 864 Barbed, with long rounded stem. Ind.  $3\frac{1}{2} \times 1\frac{1}{2}$ .
- 865 Long shield shape, yellow jasper, thin, narrow base.  
 $3\frac{1}{2} \times 1\frac{5}{8}$ .
- 866 Leaf shape, probably a knife, striped slate, wrought  
diagonal to the grain. N. C.  $4\frac{3}{4} \times 2\frac{1}{2}$ .
- 867 Light colored chert, broad base, little contracted.  $4\frac{1}{4} \times 1\frac{5}{8}$ .
- 868 Leaf shape, dark chert; fine.  $4 \times 2\frac{1}{4}$ .
- 869 Semi-elliptical, broad base; fine.  $3\frac{1}{4} \times 1\frac{1}{2}$ .
- 870 Variegated jasper, curved; fine.  $2\frac{1}{2} \times 1$ .
- 871 Light feldspar. Boone Co., Mo.  $4 \times 1\frac{1}{4}$ .
- 872 Rotary, broad, with short, broad stem.  $3 \times 2$ .
- 873 Shield shape, deeply notched, with broad stem, thick,  
with beveled edge.  $3 \times 2\frac{1}{2}$ .
- 874 Leaf shape; very fine.  $2\frac{1}{4} \times 1\frac{1}{2}$ .
- 875 Semi-elliptical, curved and rotary; fine, rare. Tenn.  
 $3\frac{1}{2} \times 1\frac{1}{4}$ .
- 876 Semi-elliptical, broad base, edge notched.  $3\frac{1}{2} \times 1\frac{1}{4}$ .

- 877 Rude form and work, dark slate. N. J.  $4\frac{1}{2} \times 2$ .  
 878 Long triangular, with nearly pointed base; fine.  $4\frac{1}{2} \times 2$ .  
 879 Barbed, with narrow base. Cooper Co., Mo.  $4 \times 1\frac{7}{8}$ .  
 880 Leaf shape, broadly expanded base; fine. Ironton, Ohio.  $4 \times 2$ .  
 881 Curved, notched narrow base.  $4 \times 1\frac{1}{2}$ .  
 882 Long, narrow, with broad base; fine. Mich.  $4\frac{1}{2} \times 1\frac{1}{4}$ .  
 883 Small; very fine.  $2\frac{1}{2} \times 1\frac{1}{4}$ .  
 884 Broad, with curved sides; extra fine.  $4 \times 1\frac{5}{8}$ .  
 885 Narrow, with hollowed base. Ind.  $4\frac{1}{2} \times 1\frac{1}{8}$ .  
 886 Triangular, beveled, barbed, with broad stem; rare, fine.  $2\frac{3}{4} \times 1\frac{1}{2}$ .  
 887 Elliptical, base rounded;  $4 \times 1\frac{3}{8}$ .  
 888 Michigan.  $4 \times 1\frac{1}{2}$ .  
 889 Sharply barbed, broad hollow base, rounded point; fine.  $2\frac{3}{4} \times 1\frac{1}{4}$ .  
 890 Long, barbs rounded, smooth base, beveled; fine, rare.  $3 \times 1\frac{5}{8}$ .  
 891 Parallel sides, rounded point, red feldspar. Mich.  $4\frac{1}{4} \times 1\frac{3}{4}$ .  
 892 Knife form, of extra size. Jefferson Co., Mo.  $6 \times 2\frac{1}{2}$ .  
 893 Narrow, with broad base. Mo.  $4 \times 1\frac{1}{4}$ .  
 894 Leaf shape; fine, scarce.  $3 \times 1\frac{3}{4}$ .  
 895 Leaf shape, elongated; fine.  $4 \times 1\frac{7}{8}$ .  
 896 Curved sides, square base; fine.  $3\frac{1}{2} \times 1\frac{1}{2}$ .  
 897 Triangular, expanding at the barbs.  $3\frac{1}{4} \times 1\frac{3}{4}$ .  
 898 Black stone. Ironton, Ohio.  $4\frac{1}{2} \times 1\frac{1}{2}$ .  
 899 Curved and rudely wrought; fine, large example.  $6\frac{1}{2} \times 2$ .  
 900 Broad elliptical, obsidian; rare material. Guatemala.  $2 \times 1\frac{1}{4}$ .  
 900a Elliptical, obsidian. Neb.; fine, rare.  $2\frac{1}{2} \times 1\frac{1}{8}$ .

## ARROW POINTS.

The following separately described arrow points are selected as illustrating various locations, and more especially varieties in form and material. As all collectors are aware, Ohio produces more and finer flaked objects than any other State, and the following, except when the location is mentioned, are all from that State; for economy of space, the briefest descriptions only are given; the closing figures give the length; every point is fine, and most of them are perfect.

- 901 Curved, narrow, with broad base.  $2\frac{1}{2}$ .
- 902 Thin, with broad, smooth base. 2.
- 903 Barbed, coarsely serrated, bifurcated base.  $1\frac{1}{2}$ .
- 904 Broad, rounded base; extra fine.  $1\frac{3}{4}$ .
- 905 Nearly rhomboidal, base broader than body; fine, rare form.  $1\frac{1}{4}$ .
- 906 Base and sides deeply notched. 2 inches.
- 907 Notched, broad base. 2 inches.
- 908 Barbed, base hollowed, thin.  $1\frac{3}{4}$ .
- 909 Shield shape, unsymmetrical; fine.  $2\frac{1}{4}$ .
- 910 Small, narrow, with broad notches. Mo.  $1\frac{1}{2}$ .
- 911 Broad, triangular, deeply notched. Ky.  $1\frac{1}{8}$ .
- 912 Semi-elliptical, red jasper. Mich.  $1\frac{7}{8}$ .
- 913 Drill-shaped. Ill.; rare form. 2.
- 914 Shield shape, unsymmetrical, stem nearest to one side.  $1\frac{5}{8}$ .
- 915 Base and flat hollowed, serrated.  $1\frac{1}{4}$ .
- 916 Broad base, barbed, beveled, serrated; rare combination of form. 2.
- 917 Extra broad base, beveled and hollowed.  $1\frac{1}{2}$ .
- 918 Curved, rotary. Neb.  $1\frac{7}{8}$ .
- 920 Broad, bunt shape. 1.
- 921 Barbed and deeply serrated.  $1\frac{7}{8}$ .
- 922 Triangular, barbed, broad base, beveled and serrated. Ill.  $1\frac{1}{2}$ .
- 923 Small, shield shape, hollow base. Wis.  $1\frac{1}{8}$ .
- 924 Slightly curved, obsidian. Tenn.  $1\frac{1}{2}$ .
- 925 Long, pointed, narrow base. N. C.  $1\frac{5}{8}$ .
- 926 Deeply notched, narrow base. Mo.  $1\frac{5}{8}$ .
- 927 Barbed, with narrow base, jasper.  $1\frac{3}{4}$ .
- 928 Long, triangular, deeply notched.  $1\frac{1}{2}$ .
- 929 Semi-elliptical, shallow notches, broad base.  $1\frac{3}{4}$ .
- 930 Shield shape, long barbs, hollow base.  $1\frac{1}{8}$ .
- 931 Narrow base. Wis.  $1\frac{1}{2}$ .
- 932 Rotary, barbed and serrated, very broad base.  $2\frac{3}{4}$ .
- 933 Similar form, but more broadly beveled.  $2\frac{3}{4}$ .
- 934 Curved and rotary, serrated.  $2\frac{5}{8}$ .
- 935 Small, with extra small base, serrated.  $1\frac{7}{8}$ .
- 936 Beveled, narrow base.  $2\frac{1}{2}$ .
- 937 Unsymmetrical, broad base, irregular form.  $1\frac{1}{2}$ .



- 938 Long-pointed expanding barbs, base with parallel sides.  $2\frac{1}{4}$ .
- 939 Drill shaped, with broadly expanding barbs.  $1\frac{1}{2}$ .
- 940 Broad semi-oval, barbed; a rare and pretty form.  $1\frac{1}{4}$ .
- 941 Curved, one side finished by a single blow.  $1\frac{1}{2}$ .
- 942 Serrated, broad, rounded base.  $1\frac{3}{8}$ .
- 943 Small, thick, one side concave, serrated.  $1\frac{1}{2}$ .
- 944 Thick, with broad base, small serrations.  $1\frac{1}{2}$ .
- 945 Small, slightly notched, serrated. Miss.  $1\frac{1}{4}$ .
- 946 Shield shape, broad.  $1\frac{3}{8}$ .
- 947 Broad notches, base broadly expanding.  $1\frac{5}{8}$ .
- 948 Slightly curved, pinkish feldspar.  $1\frac{5}{8}$ .
- 949 Rotary, very deep notches and broad base.  $2\frac{1}{8}$ .
- 950 Rotary, unsymmetrical.  $2\frac{1}{4}$ .
- 951 Broad notches, with broad base.  $1\frac{1}{2}$ .
- 952 Beveled, serrated.  $1\frac{1}{2}$ .
- 953 Beveled rotary. 2.
- 954 Barbed, beveled, serrated, with extra broad base.  $2\frac{1}{2}$ .
- 955 Remarkable form, broader than long; fine.  $1\frac{1}{2}$ .
- 956 Beveled, rotary.  $2\frac{1}{2}$ .
- 957 Beveled, rotary, with long barbs; fine.  $2\frac{1}{4}$ .
- 958 Shield shape, base of extra width, uncommon form.  $1\frac{1}{2}$ .
- 959 Broad, semi-oval, with broad base.  $1\frac{1}{2}$ .
- 960 Broad, long, triangular.  $1\frac{7}{8}$ .
- 961 Short, with broad, hollow base.  $1\frac{1}{4}$ .
- 962 Beveled, serrated, rotary. 2.
- 963 Serrated, broad hollow base; fine.  $1\frac{3}{4}$ .
- 964 Barbed, with broadly expanding base.  $1\frac{3}{4}$ .
- 965 Leaf-shape, pointed, with round base.  $2\frac{1}{4}$ .
- 966 Triangular, with broad hollow base; extra fine.  $1\frac{5}{8}$ .
- 967 Jasper, divided base.  $1\frac{5}{8}$ .
- 968 One side flat, unusually thin, pink feldspar, Mich.  $1\frac{7}{8}$ .
- 969 Long, serrated; very fine.  $2\frac{1}{4}$ .
- 970 Light-colored material, beveled, rotary. 2.
- 971 Barbs broadly expanded, closely serrated.  $2\frac{1}{4}$ .
- 972 Beveled, rotary, with broad base.  $2\frac{1}{8}$ .
- 973 Small, with small serrations.  $1\frac{1}{2}$ .
- 974 Small, base broken.  $1\frac{1}{4}$ .
- 975 Irregular form, serrated.  $1\frac{3}{8}$ .



- 976 Small, triangular, base with parallel sides longer than the point: a remarkable form.  $1\frac{1}{2}$ .
- 977 Shield-shape, narrow stem; very fine.  $1\frac{3}{8}$ .
- 978 Variegated stone, base with sides parallel; fine.  $1\frac{7}{8}$ .
- 979 Hollow base, sides expanding towards the point; fine, a rare form.  $1\frac{1}{8}$ .
- 980 Long barbs, finely serrated.  $1\frac{1}{2}$ .
- 981 Leaf-shape, beautiful white quartz, Penn.  $1\frac{3}{4}$ .
- 982 Leaf-shape, white quartz, N. C. 1.
- 983 Broad, leaf-shape; an uncommon form, Penn.  $\frac{3}{4}$ .
- 984 Broad, unsymmetrical, elongated barbs, Allaire, N. J. Broader than long, 2 in. broad,  $1\frac{5}{8}$  long.

The arrow points in lots following represent numerous widely separated localities; they are all selected, and are as a rule of excellent quality; it is, of course, impossible to allow space for description.

- 985 A lot. Cole Co., Mo.; large size. 20 pieces.
- 986 Lot contains one large spear point, mostly from Southern States. 28 pieces.
- 987 Lot. Middle Osage region, Mo.; all good. 20 pieces.
- 988 Fine lot, same location. 20 pieces.
- 989 Mostly spear heads; good lot. 20 pieces.
- 990 Spear heads and arrow points. Mo.; fine lot. 16 pcs.
- 991 Arrow points, spear points, &c.; a good lot. 50 pcs.
- 992 Spear heads and arrow points. Cole Co., Mo.; selected lot. 16 pieces.
- 993 Spear heads and arrow points. Osage Co., Mo.; good lot. 24 pieces.
- 994 A lot. Mo.; mostly fine, a few broken. 20 pieces.
- 995 Lot. O. and N. C.; good to very fine. 25 pieces.
- 996 Spear heads; an uncommonly fine lot. Mo.; mostly of pinkish feldspar. 10 pieces.
- 997 Spear heads, large and small; a fine selection, all Western. 12 pieces.

The following to No. 1012, inclusive, are much enhanced in value by the accuracy and care with which they are labeled; they are from a celebrated collection.

- 998 A carefully selected lot, and nearly all of them are fine, medium and large size. 26 pieces.
- 999 Variety, large and small, some serrated; fine lot. 20 p.
- 1000 Extra lot. 14 pieces.
- 1001 A variety, mostly large. 12 pieces.

- 1002 Spear head and arrow points, mostly Western. 19 pieces.
- 1003 Selection, representing numerous locations; all fine. 21 pieces.
- 1004 Another lot; same locations; some serrated; fine. 21 pieces.
- 1005 Equally fine, medium size. 20 pieces.
- 1006 White quartz, chert, etc., variety; fine. 16 pieces.
- 1007 Large and small; fine lot. 24 pieces.
- 1008 Fine lot, one deeply notched and beveled. 18 pieces.
- 1009 Fine selection, one coarsely serrated. 18 pieces.
- 1010 Fine selection. Mo., Tenn., etc. 20 pieces.
- 1011 Selection of medium size; fine. 18 pieces.
- 1012 Fine selection, large and small. 18 pieces.
- 1013 Small arrow points. Oregon. These points are comparatively small, but for the location they are uniformly of very large size; fine. 15 pieces.
- 1014 Oregon points, of extra size and beautiful material; agate, etc. 17 pieces.
- 1015 Another selection of Oregon points, workmanship and material as fine as the last. 14 pieces.
- 1016 Another lot from Oregon; jasper, etc.; one of beautiful leaf shape, is of clouded chalcedony; in the lot a number of fine scrapers of similar materials. 14 pieces.
- 1017 Small Oregon points; fine, some serrated. 20 pieces.
- 1018 Large points from Oregon, spear-head size, one leaf-shape, several of obsidian; fine. 8 pieces.
- 1019 Oregon points, minute; fine selection. 20 pieces.
- 1020 Oregon points, carnelian, obsidian, jasper, etc., some large; fine lot. 25 pieces.
- 1021 Long, triangular war points, some serrated; rare lot. 8 pieces.
- 1022 A similar lot, some serrated, one narrow and of extra length, another of uncommon size, one of the choicest lots in the sale; all perfect. 16 pieces.
- 1023 Triangular war points, broad, some serrated; all fine. 7 pieces.
- 1024 Arrow point of most uncommon form, barbs directed towards the point. I have never seen a duplicate of the form. N. C. 1½.
- 1025 Bunts, or blunt arrows, much rarer than arrow points; very fine lot, from different locations. 13 pieces.

## EUROPEAN ARROW POINTS.

The great rarity of European arrow points is well known; in the Woolley sale four brought \$20.00, and in the Ralston sale they sold for \$1.00 to \$6.00 each.

- 1026 Great arrow point, plowed up at Fredicia, Jutland; perfect. Length  $3\frac{5}{8}$ .
- 1027 Great arrow point, broad, with narrow, elongated base. Denmark. Perfect.  $3\frac{5}{8} \times 1\frac{1}{8}$ .
- 1028 Arrow point, elliptical, curving inward toward the base, which is hollowed, of semi-transparent yellowish stone; very fine, one barb broken. Tyrone, Ireland. Length,  $1\frac{3}{8}$  in.
- 1029 Arrow head, triangular, base deeply hollowed, barbs more than  $\frac{1}{2}$  inch in length, one broken and cemented, otherwise perfect; extremely rare. Denmark. Length,  $1\frac{3}{4} \times \frac{3}{4}$ .
- 1030 Arrow head, triangular, elongated base, indented, perfect. Tyrone, Ire.  $1\frac{3}{8} \times \frac{3}{4}$ .
- 1031 Arrow head, barbed, stemmed, partly serrated, barbs curving inward, 1 defective, still very fine. Armagh, Ire.  $1\frac{3}{8} \times \frac{3}{4}$ .

## DRILLS OR PERFORATORS.

A fine drill is always a rare object. The following are all of Western origin, mostly from the north-westerly part of the State of Ohio; a few from neighboring States. The length only is given.

- 1032 Drill without handle, much rarer than those with handles; very fine.  $3\frac{3}{4}$ .
- 1033 Drill, perfect, with square handle.  $2\frac{3}{4}$ .
- 1034 Drill, perfect, rounded handle.  $3\frac{1}{8}$ .
- 1035 Drill, handle with three notches. 3.
- 1036 Drill, with square top handle; very fine, but top broken.  $2\frac{1}{2}$ .
- 1037 Drill. Mo. Point broken.  $2\frac{5}{8}$ .
- 1038 Drill, round, symmetrical handle, curving; one of the very finest.  $2\frac{3}{4}$ .
- 1039 Drill, beveled and square handle; very fine.  $2\frac{7}{8}$ .
- 1040 Drills without handles, one curved, another twisted, one red jasper.  $1\frac{1}{2}$  and  $2\frac{1}{2}$ . 7 pieces.
- 1041 Drill with square handle, Terre Haute, Ind.; fine. 3.



- 1042 Drill, short handle ; extra fine.  $2\frac{7}{8}$ .  
 1043 Drills of unusual size, diameter more than half an inch.  
 $2\frac{3}{4}$  and  $3\frac{1}{4}$ . 2 pieces.

## CLEAVED OBJECTS, SPADES, ETC.

- 1044 Spade, uncommon size,  $14 \times 5$ , point beautifully polished by long use, Mo. For this the owner paid \$20.  
 1045 Spade, of large size, found on the Miss. River, opposite Alton, Ill. ; perfect, and has never been used ; it is covered with a sort of patination on both sides, extending over a large portion of the surface ; this leads to the inquiry whether or not these large flaked objects were split from masses of stone and wrought into form, or if they originally existed nearly in their present form, requiring only surface chipping.  $13 \times 4\frac{3}{4}$ .  
 1046 Spade. The peculiar patination referred to under No. 1045, exists on this piece in a still more remarkable degree, extending over both flats and clear around the object, about half of the surface being covered ; the changed surface has the appearance of the rind found on nodules of flint : this makes one conclusion or the other inevitable ; one, that these spades are natural formations only slightly wrought, the other that this natural crust or patination, requiring ages for its formation, proves an antiquity for the mound-builders' spades much greater than has ever been attributed to them. On account of the inquiries to which it fairly gives rise, I consider this piece more remarkable and curious than any other stone relic I have ever sold. St. Genevieve Co., Mo.  $7\frac{1}{2} \times 3$ .  
 1047 Small spade. Mo.  $5\frac{1}{4} \times 2\frac{1}{2}$ .  
 1048 Pretty little flaked object, resembling the discus, but oval in form.  $3 \times 2$ .  
 1049 Discus, sometimes called a hoe ; from the Schroyer collection ; fine, rare.  $5\frac{1}{2} \times 4\frac{1}{2}$ .  
 1050 Discus, found in a cache. Schuyler Co., Ill. Fine.  $5\frac{1}{2} \times 4\frac{3}{4}$ .  
 1051 Spade. Schuyler Co., Ill. Fine.  $9\frac{1}{2} \times 4\frac{1}{4}$ .  
 1052 Beautiful little flaked object, of light stone. Ill.  $4\frac{1}{2} \times 1\frac{7}{8}$ .



- 1053 Small spade-like object. Cooper Co., Mo.  $4\frac{1}{4} \times 1\frac{1}{2}$ .
- 1054 Leaf shape. Cooper Co., Mo. Very fine.  $3\frac{3}{4} \times 1\frac{1}{2}$ .
- 1055 Long, dark jasper. Bledsoe Co., Tenn.  $6\frac{3}{4} \times 2$ .
- 1056 Small spade, edge polished. Mo.  $5 \times 2$ .
- 1057 Pretty little object in red jasper, both sides show crust or patination; oval.  $3\frac{1}{4} \times 2$ .

### PIPES.

Of the following, the first five are prehistoric.

- 1058 Large pipe, broken and repaired. Big Creek, Milton Co., Ga.  $3\frac{1}{4} \times 3$ .
- 1059 Pipe of dark soapstone. Hightown River, Dawson Co., Ga. Fine, though slightly defective.  $2\frac{3}{4} \times 2$ .
- 1060 Pipe, pottery; from a Mo. mound.  $2\frac{1}{2} \times 2\frac{1}{2}$ .
- 1061 Pipe, pottery, stem gone. Richland Co., Ohio.
- 1062 Pipe, barrel shape, fragmentary.
- 1063 Pipe, green stone, probably modern; very fine.  $2\frac{3}{4} \times 1\frac{3}{4}$ .
- 1064 Pipe, black terra cotta, a Turk's head; very fine.  $1\frac{1}{2} \times 3$ .
- 1065 Cast in plaster of the stem of an ancient pipe, on its side a death's head.  $2\frac{1}{4}$ .
- 1066 Hexagonal pipe of the Pueblo Indians. New Mexico.  $2\frac{5}{8} \times 1\frac{1}{8}$ .
- 1067 Plaster cast of one of the strange pipes made by the natives of Vancouver Is.; grotesque and rare.  $3\frac{1}{2} \times 3\frac{1}{2}$ .
- 1068 An ancient pipe, copied in cast iron.  $2\frac{1}{4} \times 2\frac{1}{4}$ .
- 1069 Pipe of catlinite; old, but of the historic period; from an Indian grave in Ga.  $2\frac{1}{8} \times 2$ .
- 1070 Pipe, soapstone, said to have been dug from the banks of the Merrimac River, but without much doubt the recent work of a N. H. fraud.  $5 \times 2$ .

### THE WORKS OF THE BOTTLE JACK.

European collectors have long been familiar with the works of the notorious Flint Jack. Flint Jack seems recently to have established branch houses in America, some of the most prosperous of which are located in Ohio, while others hail from a little further South. One house

located at England's Point, N. C., announces its business as *dealers in ancient archæology*. Bottle Jack is a very honest fellow; he works only to show his skill, several very remarkable samples of which are herewith presented. Our Bottle Jack confines himself for material to old whiskey bottles, but his work is surpassed only by the Willamette Indians, and his works are far rarer,—the following, comprising the entire product of his factory up to this present writing.

- 1071 Arrow point, long, slender, with narrow stem, broad, rectangular barbs.  $1\frac{1}{4} \times \frac{3}{4}$ .
- 1072 Arrow point, long and slender, long barbs, hollow base.  $1\frac{1}{8} \times \frac{1}{2}$ .
- 1073 Arrow point, serrated, hollow base, formed of two long barbs, curving inward; extremely fine.  $1\frac{1}{2} \times \frac{5}{8}$ .
- 1074 Arrow point, elliptical, serrated.  $1\frac{1}{4} \times \frac{3}{8}$ .
- 1075 Spear point, rhomboidal, with broad, expanding base; unique form.  $2 \times 1\frac{1}{4}$ .
- 1076 Arrow point, double barbed, with base divided; very fine.  $1\frac{1}{4} \times \frac{3}{4}$ .
- 1077 Arrow point, rounded base; fine;  $1\frac{3}{8} \times \frac{1}{2}$ .
- 1078 Triangular, with stem, broad barbs, serrated; perfect.  $1 \times \frac{3}{4}$ .
- 1079 Cruciform, barbs at right angles.  $1\frac{1}{2} \times \frac{3}{4}$ .
- 1080 Arrow point, similar in shape, but smaller proportions, both sides pointed.  $1\frac{1}{2} \times \frac{1}{2}$ .
- 1081 Three-pointed, with long, curved barbs.  $1 \times \frac{3}{4}$ .
- 1082 Minute, barbs divided, remarkable example.  $\frac{3}{4} \times \frac{3}{8}$ .
- 1083 Triangular, pointed, stemmed, and with long barbs.  $\frac{3}{4} \times \frac{3}{4}$ .

#### MISCELLANEOUS.

- 1084 Arrow point, from Oregon, the finest specimen I have ever seen, narrow, elongated with needle point, with long expanding base; points like this command \$5.00 where found.  $1\frac{1}{4} \times \frac{3}{8}$ .
- 1085 Point from Oregon, cost the same as the last, and though a beautiful point of extra fine material, it does not equal the last in workmanship; perfect and very rare.  $1\frac{1}{4} \times \frac{3}{4}$ .
- 1086 Immense Scarabeus, carved in green mottled stone; old Egyptian.  $2\frac{1}{8} \times 1\frac{1}{2}$ .

- 1087 Ancient Roman Fibula, bronze ; fine and rare, and of large size.  $4\frac{1}{2} \times 3$ . In one piece, which, if straightened, would be 17 inches long.
- 1088 Ancient Roman arrow or spear head, with socket for shaft, bronze. Germany. Period of Roman occupation.  $3\frac{1}{2}$ .
- 1089 Another, similar ; fine. 3.
- 1090 Roman bracelet, bronze, patinated ; fine. Dia.  $3\frac{1}{4}$  in.
- 1091 Ram, with curling horns ; bronze. Syria.  $1\frac{1}{2} \times 1\frac{1}{4}$ .
- 1092 Ancient bronze key. Roman ; deeply patinated.  $1\frac{1}{2} \times 2$ .
- 1093 Hatchet-shape stone, sharp at the edge, perforated at the top with numerous incised lines and markings, work of the modern Esquimaux ; polished ; fine and rare.  $2 \times 1\frac{3}{4}$ .
- 1094 Another Esquimaux carving in stone, bell shape with perforation at the top, grooved at the base, beveled all around and marked with radiating lines.  $2\frac{1}{8} \times 1\frac{7}{8}$ .
- 1095 Another Esquimaux carving, harpoon shape, graceful in form, covered with lines, 2 perforations and 2 projections near the base ; very fine.  $4 \times 1\frac{1}{2}$ .
- 1096 Bone needle. Swiss Palafittes ; fine, rare.  $5\frac{1}{8}$  in.
- 1097 Bone needle, same locality ; fine. 2 pieces.  $5\frac{1}{8}$  in.
- 1098 Long cylindrical bone or ivory bead, from an ancient Indian grave, said to be fossil ivory. 1 of about 30 found with a skeleton ; very fine indeed, and rare.  $4\frac{1}{2}$  in., dia.  $\frac{3}{8}$  in.
- 1099 Pin made from a conch shell, broken, but no part missing. Florida. Length  $2\frac{1}{2}$  in., Dia. of head  $1\frac{1}{2}$  in.
- 1100 Beads from the columella of the conch shell ; fine lot, some large. 18 pieces.
- 1101 Great seal, wax and paper.
- 1102 Lot of minie balls from Southern battle fields. 19 pcs.
- 1103 A variety of coins, nearly all European ; many good. 99 pieces.
- 1104 Medals, mostly in tin and of large size ; a few are casts ; an interesting lot. 33 pieces.
- 1105 1793 Cent, liberty cap ; fair.
- 1106 A rosary, composed of 132 olive wood beads, said to have been turned from wood growing on the Mount of Olives, with bone pendant.
- 1107 Small silver coins, medios, &c., others of base silver. 23 pieces.
- 1108 Napolcon, St. Helena medal ; bronze, fine.



- 1109 Store cards, &c. 10 pieces.
- 1110 1883 nickel, 5 cents, without cents. Uncirculated.
- 1111 Postage stamps, 200 in 2 lots, without duplicates.
- 1112 Pony Express stamp, horse and rider. "25c.,  $\frac{1}{4}$  oz., enclosed in our franks, Wells, Fargo & Co.," an original envelope, addressed to W. V. Garvey, No. 119 Merchant street, San Francisco, Cal., with stamped frank, "Wells, Fargo & Co." original; extremely rare.
- 1113 Spear heads and arrow points, fragmentary, from Oregon; a lot selected or rather rejected in the assorting of Oregon points; amongst them will be found good examples of all the beautiful varieties of stone used in making these points; though generally imperfect, the lots contain some very fair arrow points and other objects. 100 pieces.
- 1114 Another lot of the same quality. 100 pieces.
- 1115 A similar lot, equally fine. 100 pieces.
- 1116 Still another lot of the same quality. 100 pieces.

### JAPANESE NETSUKES, ETC.

Old, curious and rare carvings in ivory and bone.

- 1117 A dragon-like monster with a white man's face. The result of one of the many experiments made by the carver while trying to invent the Mongolian or perfect man.
- 1118 Yébis, god of daily food.
- 1119 Darkakon, god of wealth.
- 1120 Hotei, the vagabond god, and his buffalo. Two very interesting carvings.
- 1121 The patron saint of fishermen squatting on the head of an enormous frog. *A very rare form of netsuke.*
- 1122 The god of old age. The head of this deity is a phrenological curiosity.
- 1123 Benteu, goddess of maternity and inventress of the lute.
- 1124 The disgraced brother of the sun, one of the gods of fortune and prosperity.
- 1125 Onone-Komatch, the inspired virgin, a famous Japanese beauty and poetess of the 9th century. Her beauty excited the passion of the court rakes, but she repelled their advances, and this carving represents her after her fall to poverty through their pique.



- 1126 Bust of one of the Ainos, the Caucasian ancestors of the oldest Japanese families, and the supposed cotemporaries of the Cave Men. A very old engraving on a pilgrim bottle-shaped netsuke.
- 1127 A *male* monkey. Another result of the carver's experience at man-making.
- 1128 Representation of the primitive food of the Ainos.
- 1129 A devil fish with semi-human face.
- 1130 Head of a devil with horns and long tusks.
- 1131 The Japanese Venus.
- 1132 A monster; part woman and part wolf.
- 1133 INRO; ornamented with flowers and leaves in gold laquer, and inlaid with more than 8000 pieces of pearl of various colors. *A very beautiful and wonderful piece of work.*













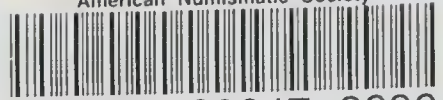








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